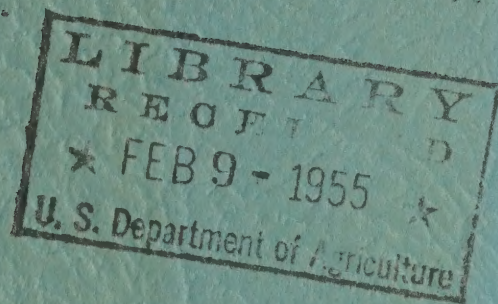
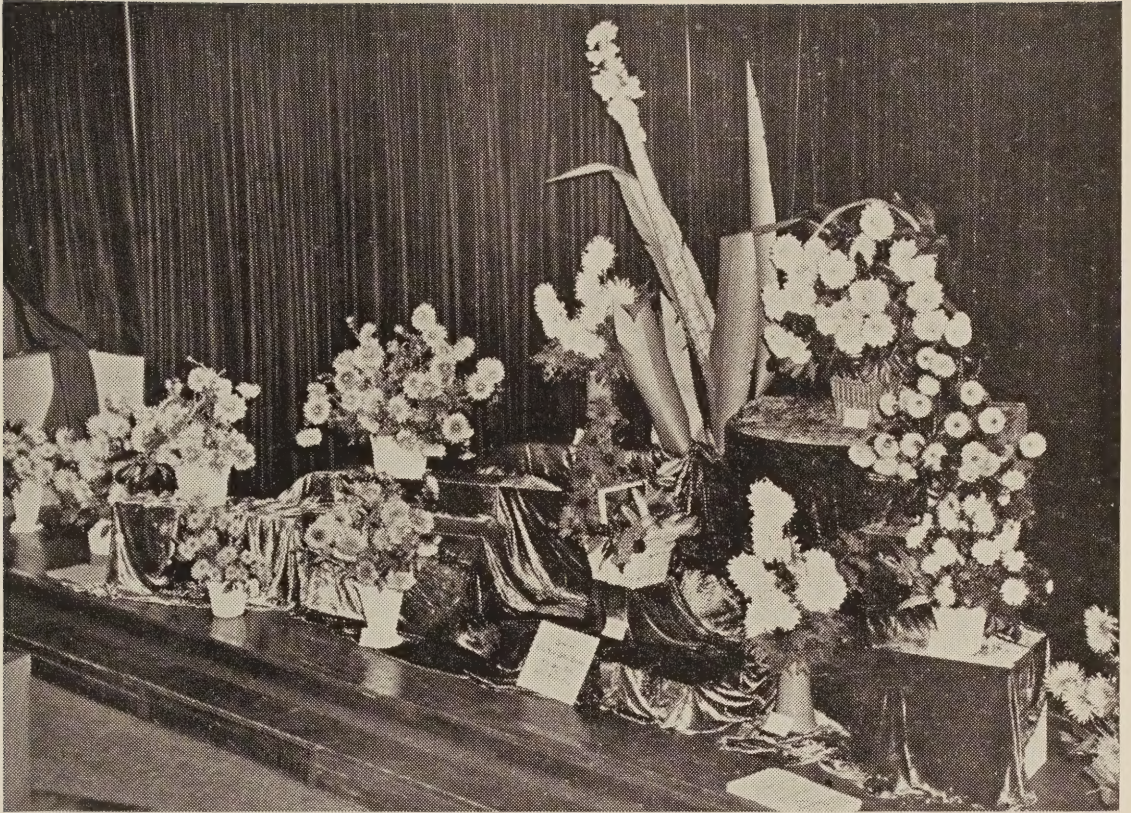


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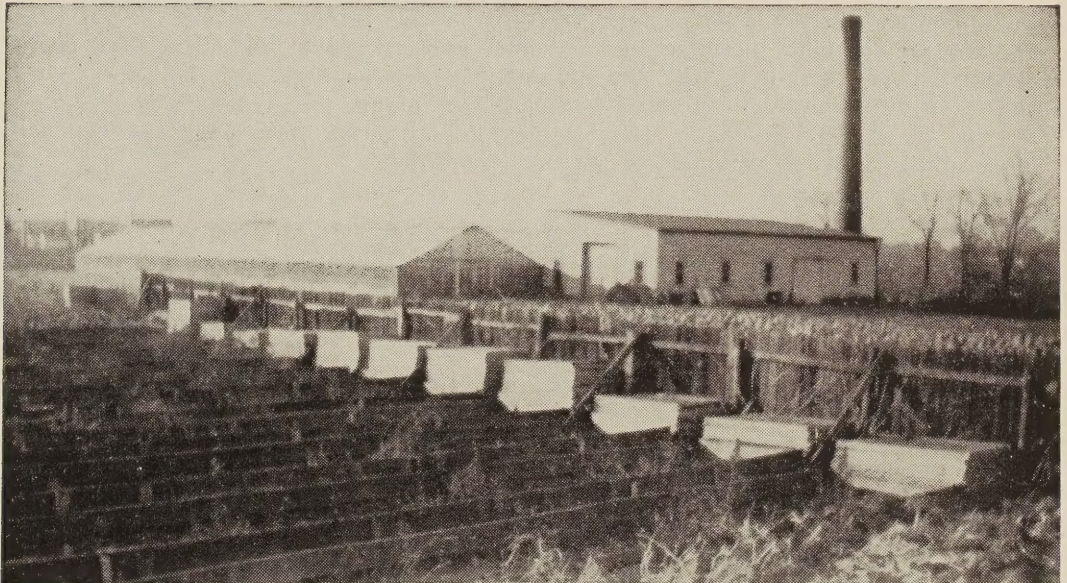
*The
Dahlia
Blue Book
for
1955*



Rocky River Dahlia Gardens
19111 STORY ROAD
ROCKY RIVER 16, OHIO, U. S. A.



OUR DISPLAY AT CLEVELAND



View of our greenhouses, covering 20,000 square feet, showing cold frames in the foreground, with sash stacked along the windbreak. It is in these cold frames that our plants receive the important "finishing" that has made ROCKY RIVER plants so popular.

General Information

PLEASE READ CAREFULLY

ORDER EARLY

Early orders have first call on varieties which are in limited supply. Also the earlier you order the more likely that your order will be shipped at the time you request. During the heaviest shipping periods, more orders are booked for shipment on specified days than can possibly be handled on those days so they are shipped in the order in which they are received.

DEPOSITS

No deposit is required. Just send in your order. Pay anytime before shipping date.

PLANT ORDERS

Plant orders are booked for shipment on the date specified by the purchaser. Shipments will be made as nearly on time as possible, subject to priority in ordering and other factors beyond our control, such as: the failure of a variety to produce cuttings early or in the quantity normally expected, inability to "harden off" plants out-of-doors preparatory to shipment because of severe weather, freezing temperatures at time shipment should be made, periods of heavy rains which slow up gathering of orders from the cold frames and the actual packing of the wet plants and saturated soil, strikes or threatened strikes affecting transportation or materials required in packing the orders. Kindly bear these factors in mind if your order does not reach you when expected, and rest assured we will do our utmost to get your order to you as promptly as conditions will allow.

Sometimes part of your order may be shipped at one time and the balance later when the plants become available. In the event we are unable to complete the order a refund will be made by check (stamps in amounts of less than one dollar) at a later date. During the heavy shipping season there may be a delay of as much as four or five weeks in the mailing of refunds. No credits are carried over from one year to another. If your refund has not been received by July 1st, notify us and the matter will be given prompt attention.

Plants received in poor condition will not be replaced unless special delivery, or special handling, postage was included with payment. Add forty-five cents for special delivery, or if you do not have special delivery service from your postoffice, add thirty-five cents for special handling. If plants are not received in growing condition, a "bad condition" report must be obtained from your post office, and forwarded to us, if replacement is to be in order.

POSTAGE

We pay the regular postage on retail orders of \$5.00 or more. On orders of less than \$5.00, add fifty cents for postage and packing. Purchaser pays all special charges such as air mail, special delivery, etc. All wholesale orders are F.O.B. Rocky River.

CONDITIONS OF SALE

All stock shipped from our nursery is guaranteed to be true to name and in growing condition upon arrival. Stock failing to meet these conditions must be reported to us as soon as the failure becomes apparent, if replacement is desired. Because of many conditions beyond our control, we can not be held responsible for growing failures once the stock has been planted.

SUBSTITUTION

We never substitute one variety for another unless specifically requested to do so. If you have second or third choices you may list them on the order.

EXPORTS

Customers in other countries should obtain import permits from their department of agriculture and the necessary information regarding importation into their country. If no permit is required that fact should be stated on the order.

SALES TAX

Residents of Ohio must include the three per cent sales tax with remittance.

TELEPHONE

EDison 1-0836 (Cleveland).

ABBREVIATIONS

The letters immediately following the name of a variety are the key to the classification of that variety. The 1955 BLUE BOOK classifications are based on the joint, revised classification by The Central States Dahlia Society and The American Dahlia Society, but can not be regarded as official as changes will be made after this is written. We believe it will be found to be substantially correct.

First letter in the classification code following the name of the variety indicates the size; the second letter indicates the type; the third one indicates the color. As an example, A-FD-W would mean the variety was a large variety normally growing over eight inches in diameter, formal decorative in type, white in color. See under "classification" below for full key.

Following the classification code is the name of the grower (in parenthesis) who introduced the variety. In the case of more recent introductions the name of the originator is also given and separated from the name of the introducer by a hyphen as (Wolbert-Rocky River) which indicates Mr. Wolbert was the originator of the variety and it was introduced by us. In the case of foreign introductions, which are indicated by an asterisk (*) the originator and introducer may be unknown or vague.

CLASSIFICATION

Size

- A—Large (Exhibition), over 8 inches
- B—Medium (Cut flower), 4 to 8 inches
- Ba—Ball, 3½ inches or over
- M—Miniature, under 4 inches (Miniature Ball, 2 to 3½ in.)
- Pom—Pompon (for exhibition purposes must be under 2 inches in diameter)

Type of Flower

- An—Anemone
- Ba—Ball
- C—Cactus
- Coll—Collarette
- FD—Formal Decorative
- IC—Incurved Cactus
- ID—Informal Decorative
- Mig—Mignon
- O—Orchid Flowering
- P—Peony
- Pom—Pompon
- S—Single
- SC—Semi-Cactus
- StC—Straight Cactus

Color

- Au—Autumn
- Bi—Bi-Color
- Blend { Lt Bl—Light Blend
- { Dk Bl—Dark Blend
- L—Lavender
- Or—Orange
- Pk—Pink
- Pr—Purple
- Red { Dk R—Dark Red
- { R—Red
- Var—Variegated
- W—White
- Y—Yellow
- Fl—Flame



DAHLIA GREEN PLANT

Dahlia Green Plants

Dahlia "green plants" or simply "plants" as we refer to them in this book are little dahlia plants grown from cuttings. The cuttings are taken from selected clumps which are started into growth in the greenhouses during the late winter months. As soon as the sprouts are long enough to handle, they are taken off and placed in a special rooting medium. When the cuttings are rooted they are potted into three inch pots in a soil selected, or prepared to hold together in shipment.

After potting, our plants are carefully grown and constantly watched to insure plants of highest quality. At just the right time they are moved from the greenhouses into cold frames for the extremely important and exacting "hardening" process.

Our plants are shipped to all parts of the country in paper shipping pots, carefully packed to insure safe arrival. (See the paragraph on plants under "CULTURAL HINTS" in the back of this book.)

Properly grown plants produce flowers as early as flowers are produced from roots. As a rule the flowers from plants are superior. Growth, and total productivity of bloom, are equal to bushes grown from roots. Good clumps are formed for carrying the variety over winter. Plants are sold cheaper, not because of any difference in their worth, but because by use of careful propagation methods we are able to produce several plants from one root.



Rooted Cuttings

Left, rooted cutting with roots wrapped in damp sphagnum moss as for shipping. Center, three inch pot. Right, rooted cutting ready for potting.

Altho we do not recommend the purchase of rooted cuttings by any who have had no previous experience with them, except on a trial at purchaser's own risk, we will furnish high grade, well rooted cuttings of varieties which are listed in plants in this book. Prices are one third less than the price of a plant of that same variety. Rooted cuttings are guaranteed to reach the purchaser in growing condition if sent by "special delivery" or "special handling" parcel post, but we can not assume responsibility for loss of the cuttings once they have been received in good condition.

When cuttings are received they should be planted at once and watered well. For the first two or three days they should be protected from direct sunlight and draughts. By the end of that time, the roots will have started to establish themselves in the soil, and a gradual exposure to sun and normal growing conditions should be made. Rooted cuttings do require some attention for the first few days, but once past that stage they will develop into fine plants with gratifying results.

Rooted cuttings may be obtained four to six weeks before time to plant in the garden, planted in pots or plant bands and grown into good sized, strong plants by the time to plant outside. Or, as some prefer, they may be purchased for delivery a week or ten days before intended planting in the garden, gradually hardened to outside conditions and then set right into the garden as one would any other unpotted plant. This method requires a little more attention to details of conditioning the cuttings, but has the advantage of better and straighter roots when the clumps are dug the next fall.

Pot Roots

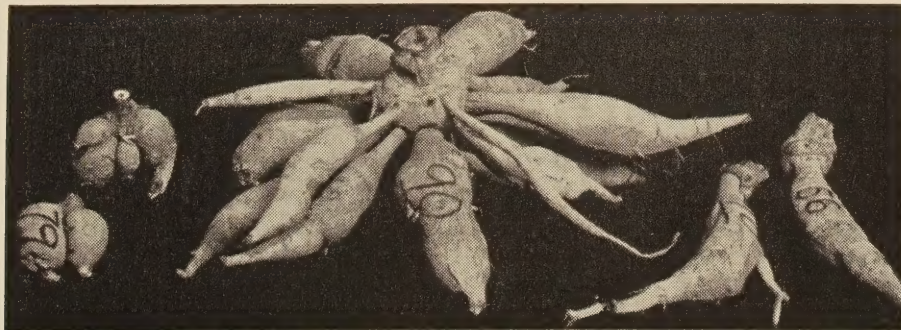
Pot roots are tiny clumps, or individual roots, which have been grown in three inch pots. As a planting unit, they are planted, and perform, similarly to roots, but at a lower initial cost. For propagating, they are excellent for producing a few cuttings, usually more rapidly than a fully matured field grown root. They are especially suited for early Southern planting as they are available at any time. We suggest Southern growers who have been using plants try them to avoid the disappointments sometimes experienced because plants can not be produced early enough for very early planting. They are also ideal for others who have not had full success in producing good clumps from plants. It will be well to remember, when first buying pot roots, that in spite of their meager size, they have vigor and vitality which often surpasses that of field grown roots. Invariably, they produce a better clump of roots the following fall than do field grown roots, especially if the latter are large when planted. Like field grown roots, they are less subject to stem and crown rots in winter storage than are clumps produced by green plants.

Clumps

Clumps are the entire group of roots attached to one plant as dug in the fall. For those who prefer to purchase clumps for fall delivery, and are willing to assume the responsibility of carrying them over winter, we supply the finest clumps that can be had, at a saving over what the roots on that clump would cost in the spring. Our list of clump prices is available in early fall, but only to those who send in a special request for it, and those who bought clumps from us the previous fall. Clump orders must be in our hands in time for the clumps to be shipped before December 15th.

Roots

Roots referred to in this catalog, are what are sometimes called "tubers", "toes", "potatoes" etc., but which are actually (botanically) enlarged fleshy roots. A root is a division from a clump, with a portion of the crown (base of stalk) attached, on which there is one live eye, or sprout. Should the root you wish to plant have more than a single eye, it is advisable that the extra eyes be cut out, as each eye produces an independent plant. Planting two eyes in one hill would result in two plants growing where there should be but one.



POT ROOTS

CLUMP

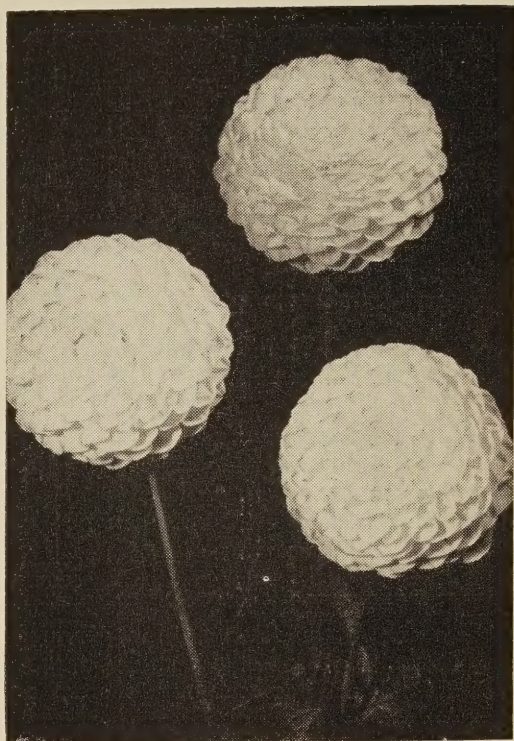
ROOTS

ROCKY RIVER INTRODUCTIONS

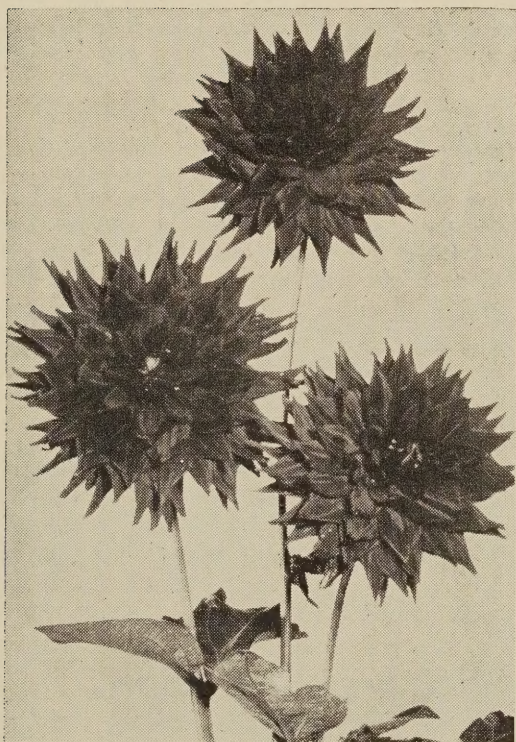
BUTTERBALL (Haugh-Rocky River) A well formed yellow ball with numerous, fully quilled petals. Stems are long and strong holding the blooms well above the tall plants. An easy to grow variety which has shown no tendency of being "temperamental". Blooms average about five inches in diameter and keep well when cut. Plants are open growers.

BUTTERBALL is on Mr. Webb's Eastern Dahlia Review in the DAHLIA, on the Honor Rolls of Messrs Faust and Dudley in FLOWER GROWER, and was awarded a Certificate of Merit at the American Dahlia Society Trial Grounds at Atlanta, Georgia.

Root \$5.00 net, Plant \$2.00 net



BUTTERBALL



CAROL HAWLEY

CAROL HAWLEY (Dove-Rocky River) A very dark, velvety, red semi cactus with exceptional substance. It could be classed as a miniature and it is as such that we have grown it for two years, but many blooms will be above the maximum size limit for a miniature. Disbudded, it would be a very attractive small "B" size flower. Plants are bushy and of average height for a miniature, and with a distinctive coppery green foliage. A midseason bloomer.

CAROL HAWLEY is on Mr. Faust's Honor Roll in FLOWER GROWER and on Mr. Webb's Review in the DAHLIA.

Root \$5.00 net, Plant \$2.00

ED'S DELIGHT (Chandler-Rocky River) A medium size, ball dahlia of golden yellow suffused red at outer edges of the petals. Petals are well quilled and without the coarseness common to this type.

ED'S DELIGHT is listed on the Honor Rolls of Messrs Faust and Eddy in FLOWER GROWER, and on Mr. Webb's Eastern Review in the DAHLIA. It received a Certificate of Merit at Atlanta in 1953.

Root \$5.00 net Plant \$2.00 net

ROCKY RIVER INTRODUCTIONS

CERAMIC BEAUTY (Eccleston-Rocky River)

An outstanding dark red formal, about ten inches in diameter and five inches in depth. A fine exhibition variety which is very early. Ideal stems hold flowers facing the side, and slightly up. Best when grown to four or six canes, properly disbudded.

CERAMIC BEAUTY was the outstanding seedling winner of the 1953 show season when it won five AMERICAN HOME Achievement Medals; more than any other variety that year. Lack of stock prevented introduction at that time. It also has two Trial Ground Certificates to its credit and is listed by all four of FLOWER GROWER'S testers on their Honor Rolls, as well as on Mr. Webb's DAHLIA REVIEW. Numerous winnings as "best in show" "best formal" etc. etc.

Root \$15.00 net Plant \$5.00 net



CERAMIC BEAUTY



CLARIAM TIDE

CLARIAM TIDE (Wolbert-Rocky River) A bright reddish orange semi cactus, averaging about ten inches in diameter. Stiff, rod-like stems hold flowers at an up-facing angle. Petals have enough substance so that the blooms do not have a "bottom heavy" appearance even in the continuous rains of the past fall. Good formation and an attractive color drew the attention of visitors here during the two years we have grown it.

CLARIAM TIDE was not entered at any of the official Trial Grounds, or shown in seedling classes the past season, so its lack of winnings is not an index of unworthiness. It is on Mr. Eddy's Honor Roll in FLOWER GROWER Magazine and is on Mr. Webb's Dahlia Review.

Root \$15.00 net Plant \$5.00 net

ROCKY RIVER INTRODUCTIONS



DEEP ORANGE

DEEP ORANGE (Haugh-Rocky River) A very solid, little straight cactus; persimmon orange as near as we can get the color on our color chart. The five inch blooms have exceptional depth, some five inch blooms having a depth of four inches. Stems are stiff as ram-rods, occasionally a bit too heavy on first blooms, but very nice later. Blooms will face at nearly all angles except down. A fine keeper when cut and a very desirable color for cut flower work. Fairly tall plants with tough foliage.

DEEP ORANGE is listed on Mr. Webb's Review and on Mr. Eddy's Honor Roll. It was awarded a Certificate of Merit at Cincinnati this past season.

Root \$10.00 net Plant \$3.50 net

GOLDEN HALO (Wolfe-Rocky River) An eight inch, golden yellow semi cactus with proportionate depth. Good stems hold flowers facing slightly up. Plants are quite tall with lots of nice dark green foliage. An abundant producer of exhibition quality blooms, and a plant that is a credit to the garden. It is also a good root-maker.

GOLDEN HALO is listed on Mr. Dudley's Honor Roll in FLOWER GROWER magazine and by Mr. Webb in his Eastern DAHLIA REVIEW.

Root \$10.00 net Plant \$3.50 net



GOLDEN HALO

ROCKY RIVER INTRODUCTIONS



GYPSY'S KISS

GYPSY'S KISS (Brown-Rocky River) A three inch variegated, formal miniature. Blooms are basically white, with a light suffusion of lavender which is more pronounced at the centers. Thin streaks and specks of purple thruout the petals. Blooms are very uniform and keep well when cut. Ideal stems for exhibition. It has little competition in it's class at the shows.

GYPSY'S KISS is listed on the three Honor Rolls of Messrs. Eddy, Faust, and Dudley in FLOWER GROWER, and is on Mr. Webb's Eastern Review in the DAHLIA.

Root \$5.00 net Plant \$2.00 net



LITTLE BILL (Hunt-Rocky River) A bright yellow, miniature straight cactus, averaging close to the four inch mark. Flowers have good substance and always look very trim. Plants are about average height for a miniature and are open growers, with blooms held nicely above the plants. When we first grew it we considered it more likely to become popular than "Little Rachael" by the same originator.

LITTLE BILL was awarded a Certificate of Merit at The New Brunswick Trial Grounds of the American Dahlia Society, and is on Mr. Webb's Eastern Dahlia Review.

Root \$5.00 net Plant \$2.00 net



LITTLE BILL

ROCKY RIVER INTRODUCTIONS



META

META (Motznik-Rocky River) Miniature formal decorative. A light blend of lavender and white with deeper lavender at centers and the outer edge of petals. Color similar to the once popular "Little Wisteria", but this one has better stems and habits of growth. It is very prolific, from early to late, with blooms holding full centers well. Plants are free branching and of medium height.

META is on Mr. Webb's Eastern Dahlia Review and Mr. Roberts' Honor Roll.

Root \$5.00 net Plant \$2.00 net



MISS WISCONSIN (Dahlia Society of Wisconsin-Rocky River). A seven inch cactus with lacinated petals. The light yellow flowers are borne in profusion on plants slightly taller than average. Strong, well proportioned stems hold blooms at proper angles.

Stock of MISS WISCONSIN was donated to the Dahlia Society of Wisconsin for sale as a source of revenue to help promote the 1955 Midwest Show in Milwaukee. Entire proceeds of the sale of this variety will be turned over to the Show fund of the sponsoring Society.

Root \$10.00 net Plant \$3.50 net



MISS WISCONSIN

ROCKY RIVER INTRODUCTIONS



MOLLY LOU

MOLLY LOU (Schroeder-Rocky River) A lavender ball in the four inch size range. The color is a clear lavender, and one which is never mistaken for pink. Petals are roundly quilled forming a true ball. Plants are tall, open growers with blooms well above the plants. Excellent substance.

MOLLY LOU is on the Honor Rolls of Messrs. Eddy and Dudley, and on Mr. Webb's Eastern Dahlia Review.

Root \$5.00 net Plant \$2.00 net



NEW WRINKLE (Rocky River) An eight inch pink formal, peculiarly streaked and mottled, at times, to give the appearance of being wrinkled. Color may vary from ordinary to quite attractive, but nearly all blooms are fine type formals of extreme depth. Stems are well proportioned and stiff. Plants are slightly below medium height. Foliage is thick and waxy.

NEW WRINKLE is listed by Mr. Webb in his Eastern DAHLIA REVIEW and on Mr. Eddy's west coast Honor Roll in FLOWER GROWER.

Root \$10.00 net Plant \$3.50 net



NEW WRINKLE

ROCKY RIVER INTRODUCTIONS



ORANGE MAJESTY

ORANGE MAJESTY (Hadow-Rocky River)

Here is a ten to twelve inch orange informal which may be the "sleeper" of our offerings; not having had the benefit of a lot of ballyhoo. Unfortunately the accompanying picture does not show it to full advantage, but it was highly regarded by nearly all who saw it here and in the originator's garden. Plants are good growers, but slightly below average height.

ORANGE MAJESTY is listed by Messrs. Webb and Eddy on their respective lists and received a Certificate of Merit at the A.D.S. official Trial Grounds in Cincinnati. Stock is limited.

Root \$15.00 net Plant \$5.00 net

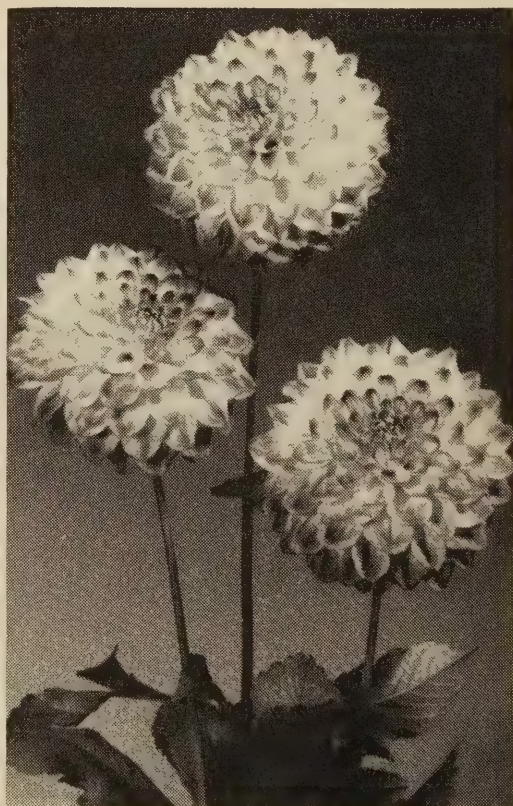


SOUTHERN BEAUTY (LaMotte-Rocky River)

This is one of the most useful, as well as one of the most attractive in this list. A very well formed, formal decorative of about five inch diameter, with perfect stems holding the flowers at proper angles. Fine for exhibition because of it's form, but probably of greater value as a cut flower because of its earliness and extreme productiveness; the plants being literally covered with blooms from early until late in the season, blooms holding their centers well. General effect is rose pink with white centers.

SOUTHERN BEAUTY was selected by all four FLOWER GROWER testers for Honor Roll listing and by Mr. Webb for his REVIEW. It received Certificates of Merit at Atlanta and East Lansing Trial Grounds, receiving the highest score given at the latter. It is also an AMERICAN HOME Achievement Medal winner at Atlanta. Adequate stock permits introduction at an "everybody's" price.

Root \$5.00 net Plant \$2.00 net



SOUTHERN BEAUTY

ROCKY RIVER INTRODUCTIONS

PEPPERMINT (Beals-Boyle-Rocky River) A ten to eleven inch formal decorative of striking color combination. The blooms are basically white, heavily outlined with deep cherry red, with the red showing pronouncedly at the centers. The combination of red and white being remindful of a peppermint candy stick. Unfortunately the past season tended to suffuse the red into the white during unfavorable growing periods here, but reports from visitors to the originators garden were highly favorable. When it is right it will be one of the favorites in your garden. PEPPERMINT is on the Honor Rolls in FLOWER GROWER of Messrs. Dudley and Roberts.

Root \$15.00 net Plant \$3.50 net

SURPRISE (Baker-Rocky River) An outstanding exhibition semi cactus, in the ten to twelve inch class. Blooms have great depth and excellent substance. The large, massive, peach colored blooms ship well and keep well as attested to by it's winning record below. Nearly perfect stems hold flowers out of tall growing plants. Foliage is medium heavy.

SURPRISE was undefeated in the eight shows in which it was entered for the AMERICAN HOME Achievement Medal as follows: Madison, Wisc. by the Hon. Justice Currie; Milwaukee, Central States and Southtown by Messrs. Marsh and Makowski combined; Cincinnati, St. Louis, Birmingham and Moline by the originator. It is listed on the Honor Rolls of all four FLOWER GROWER testers. It's a "can't miss".

Root \$15.00 net Plant \$5.00 net



SURPRISE



New Novelties for 1955

Each year, we select a number of what we believe to be the best of the introductions from other growers. All of those selected have noteworthy recommendations. We have seen most of them in gardens or shows during the past year and many of them also come with the recommendation of friends who have observed them growing for as much as three years. Their Trial Ground reports and show winnings have also been considered in the making of the selections.

CHEROKEE BEAUTY (Ricks-Dahliadel) A ten inch formal decorative of a clearer and more intense pink than Kelvin. A naturally vigorous grower. Certified at East Lansing and Cincinnati Trial Grounds, and on all four Honor Rolls in FLOWER GROWER.

Plant \$5.00 net

COVER GIRL (Hulin-Parrella) A formal decorative bicolor seedling of "Jane Lausche" with somewhat the same color as the parent; mauve violet with white tips. Strong stems hold the ten inch flowers facing the side. On Eastern Honor Roll in FLOWER GROWER. **Plant \$2.50 net**

CRESTMONT BEAUTY (Lloyd-Ruschmohr) A pink straight cactus about 7½ inches in diameter. It is a seedling of "Sarett's Pink Flamingo, with much of the parent vigor. Ten inch Blooms of good substance are held side facing on ten inch stems. On Eastern Honor Roll. **Plant \$3.50 net**

FIRST LADY (Comstock) A medium size formal decorative of Dresden yellow. Blooms 7½ inches, with numerous petals which roll completely back to the stem, giving the bloom unusual depth. Early and prolific with great uniformity of quality. A Certificate of Merit variety which is also listed on all four Honor Rolls. **Plant \$7.50 net**

FLYING SAUCER (Clapp-Tilton) Winner of the Derrill W. Hart Medal for "A" size varieties, given for the highest average score at three Trial Grounds. This ten to twelve inch semi cactus is a light blend, lavender with white at centers. Good stems and substance. On Eastern Honor Roll. **Plant \$7.00 net**

IDA BERNADINE (Frank-Dahliadel) A unique yellow incurved cactus with tightly rolled petals. A welcome addition to this class. Good grower producing well formed, full centered flowers, thruout the season. On Eastern Honor Roll. **Plant \$3.50 net**

LLOYD GEORGE (Miller-Tilton) A large informal, light blend of porcelain rose blended with aureoline yellow with the pink predominating. Long cane-like stems hold blooms facing side or slightly up. On Mr. Dudley's Eastern Honor Roll. **Plant \$4.00 net**

MARGARET DUROSS (Fuchs-Parrella) A large, informal decorative of yellow flushed scarlet, general effect is almost orange. The 11 inch flowers are held facing on long cane-like stems. Vigorous and productive. On Midwestern and Eastern Honor Rolls. **Plant \$5.00 net**

MARVELOUS (Rosemary) A pink straight cactus averaging close to eight inches in diameter. Strong stems. Prolific. On all Honor Rolls and winner of the American Home Achievement Medal at Richmond. **Plant \$5.00 net**

PATTIE K. (Lakeside) A yellow miniature semi cactus which should prove popular. Free bloomer. Stems long and graceful. **Plant \$2.00 net**

PINK SPANGLE (Premier-Dahliadel) A fine pink collarette with the same attractive color thruout. Low growing plants produce well formed blooms in quantity. Blooms average about four inches in diameter. On Eastern Honor Roll. **Plant \$2.00 net**

PREAS' PRIDE (Preas-Ruschmohr) A sport of "Jane Lausche". Color is orchid purple with white tips. In other respects it has all the good qualities of it's parent. On Eastern Honor Roll. **Plant \$5.00 net**

SNOW GIRL (Dahliadel) Seven inch pure white straight cactus. Profuse bloomer with full centers and a good keeper. Certificate of Merit at New Brunswick, and on Eastern Honor Roll. **Plant \$3.50 net**

General List of World's Best Dahlias

VARIETIES MARKED

Varieties marked with asterisk (*) are of foreign origination.

HEIGHTS

Unless otherwise mentioned in the description of the variety, the plants are of medium height.

SIZE

Size of blooms as given at the end of the description of each variety is by no means the maximum. Many of those listed as ten inch blooms have been grown twelve to thirteen inches in diameter. Size is indicated thusly: 10x6, which indicates a ten inch diameter and a depth of six inches.



ADELAIDE B-FD-Or (Nicholson-Rocky River)

A medium size formal decorative without much competition in it's class. The color is a lively orange. Petals roll completely back to the stem forming a ball shaped flower. The stems are long and graceful, holding the blooms well above the tall plants. Size 6 1/2 x 3.

Root \$7.50, Pot Root \$5.00, Plant \$2.50



Photo by Faust

ADELAIDE

***ADOLPH MAYER A-SC-Dk R.** This excellent variety from Holland comes nearer to being black than any dahlia in this list. The deep garnet red flowers are of good size; the petals have a velvety appearance and it keeps well when cut. Stems are ideal. A strong, freely branching plant, with dark green foliage. Abundant flowering habits. It is also a fine root maker. Size 9x3. Plant \$1.00

AGLOW A-ID-Au (Dahliadel) Warm amber yellow, heavily suffused scarlet on the center area of each petal, and with a golden sheen over all. Fine open grower producing good blooms on long, strong, stems. Size 10x4. Root \$1.00

ALABASTER B-FD-W (Tomczak-Parrella) A well formed white formal with good depth. Good stems hold blooms facing side above the tall, rugged plants. Size 7 x 3 1/2. Root \$3.00, Pot Root \$2.25, Plant \$1.50

ALCAZAR A-SC-Dk R (Ballay) A nicely formed flower of good size. The color is an unusual fuchsia red with a trace of cerise. Habit of growth is excellent. Size 9x4. Root \$1.00



ALICE MAY

***ALICE MAY A-ID-W.** This one from Australia might well be described as a white Lord of Autumn. The blooms are large and of great depth. Stems, foliage, and substance are excellent. The low growing plants produce many fine exhibition blooms. We consider it the finest of all the large "whites." A very consistent winner at leading shows. Size 9x5.

Pot Root \$1.50, Plant \$1.00

***ALLEGRESSE A-StC-Y** Pure sulphury yellow of ideal exhibition quality. The perfectly formed blooms are carried well above the plants on long, well proportioned stems, and are good keepers when cut. Outstanding for exhibition. Size 9x5.

Plant \$1.00



ALLWAYS

ALLWAYS A-IC-Pk (Phillips-Rocky River) A well formed straight cactus of Empire Rose with salmon at centers. Petals are well rolled and have good substance. Plants are naturally free branching, and wide spreading in growth, producing abundantly from midseason until frost. Centers remain tight thruout. Size 9x5.

ALLWAYS was the only 1952 introduction to be listed on all four of FLOWER GROWER'S Honor Rolls, and on Mr. Webb's "Dahlia Review" in THE DAHLIA. Winner of four AMERICAN HOME Achievement Medals in 1951 at: Milwaukee, Richmond, Washington and Williamsburg. Best three blooms of Seedling at Rochester. Certified at Maryland in 1950.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

AMOS KIRBY A-ID-Pr (Johnson). A large informal purple decorative on good stems. The color is amaranth purple, shading to pansy purple; also described as royal purple plus red. A good grower, and a worthwhile variety. Size 10x5.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

ARTHUR GODFREY A-FD-FI (Pittman-Dahliadel) One of the largest formal decoratives, both in diameter and depth. The color is Orient red, with orange, or buff, shadings, varying in color intensity during the season. Excellent stems hold most blooms facing up. A rugged grower. Size 11x6.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

ATOMIC YELLOW A-SC-Y (Proctor-Ruschmohr) A 1948 introduction of merit. The blooms are large and massive, the color is clear, canary yellow without tints or shadings. A good grower that requires very little fertilizer. A good bloomer that blooms freely from mid-season. Size 10x6.

Root \$2.00, Plant \$1.00

AUTUMN BLAZE A-ID-Dk Bl (Johnson). This variety is fiery red early in the season; later, it is red centered with shades of gold toward the ends of the petals, a very striking color combination. The large, deep blooms are "at home" in the big bloom classes. Size 11x6.

Root \$2.00, Pot Root \$1.50, Plant \$1.00



BARBARA VEIRS

***AXFORD TRIUMPH A-ID-Au** A large Australian Variety which is becoming very popular with our exhibition growers. The general color effect is tan. Plants are robust with good foliage. Good stems. Size 11x4.

Root \$1.50

***BALLEGO'S SURPRISE A-SC-W.** A real top-notch, best described as a white Frau O. Bracht. Plants, however, have more vigor than the latter variety. A fine dahlia in the garden as well as one of the best exhibition and commercial varieties. Size 8x4.

Root \$2.00, Plant \$1.00

BARBARA VEIRS B-SC-Pr (Veirs-Rocky River) Brilliant reddish-purple; more red than purple. A color that stands out in the garden. Twisting, serrated petals give the blooms a distinctive appearance. Good, well proportioned stems hold the flowers facing the side. It is a strong grower with heavy, dark foliage. 1948 introduction. Size 9x5.

Pot Root \$1.50, Plant \$1.00

BAY CITY WHITE A-StC-W (Schiell) The largest white cactus at date of introduction in 1952. Petals are rather wide and have good substance. Flowers are well formed, held facing side on good stems. An excellent exhibition variety. Size 11x5.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

MIDWEST DAHLIA SHOW

The Dahlia Society of Wisconsin will be host to this great show in Milwaukee on Sept. 10th and 11th. We believe that there are more dahlias grown under cloth in that area than in any other place in the country. Not only is that a guarantee of good blooms but these cloth houses for dahlias offer an interesting experience for those not familiar with them. The Midwest Show attracts more dahlia fanciers from afar than any show in the country and it is our hope we will see you there.



B & B

B & B A-FD-L (Beals-Boyle-Rocky River) A ten inch lavender formal with good depth, a high full center and excellent substance. Stems are stiff as a rod, eight to ten inches long, holding the flower facing the side. Plants are very rugged with coarse leathery foliage. A good root maker. Size 9x5.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

BEDFORD BEAUTY B-IC-L (Parenica) A delicately formed flower of equally delicate coloring. The color is pinkish lavender shading lighter toward the center. Petals are tightly rolled from tip to base. A very profuse bloomer. Size 6x2 $\frac{1}{2}$.

Root \$1.50

BELVEDERE A-ID-Pk (Ballay) Large blooms of silvery pink. Form and substance are all that could be desired. A strong grower that is very attractive in the garden and a potential winner on the show table. Size 10x4.

Root \$2.00, Pot Root \$1.50, Plant \$1.00



BERTHA SHONE

BERTHA SHONE A-IC-LtBl (Eccleston-Rocky River) A broad petaled cactus with deeply lacinated tips. Outer two thirds of the petals are a clear lavender with the center third pure white. Blooms have good substance and depth. Stems are strong, holding most flowers at a forty five degree angle. An early and profuse bloomer, as well as an excellent root-maker. A fine garden variety and a frequent show winner. Size 10x6.

Root \$7.50, Pot Root \$5.00, Plant \$2.50

***BESSIE HARDRESS (A-FD-Y)** A large, well formed, formal with good depth, good stems, and good growing habits. Centers are primrose yellow shading to golden yellow which blends into chrome yellow on outer third of petals. Size 10x4 $\frac{1}{2}$.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

BETTY BLOSSOM B-FD-LtBl (Rindfleisch-Ruschmohr) A medium size formal of straw yellow flushed phlox pink; a pleasing combination in a flower of high quality. An early blooming variety with excellent stems. Plants are vigorous with well proportioned foliage. Size 7½x4.

Root \$7.50, Pot Root \$5.00, Plant \$2.50

BILL JACK B-SC-W (Frank's). This white semi cactus was one of the best of the 1947 introductions. Plants are tall, stems long and strong, flowers are well formed with excellent depth and good substance. An ideal exhibition variety. Size 9x5.

Plant \$1.50



BLACK MONARCH

BLACK MONARCH A-SC-DrR (Pape-Rocky River) A very dark oxblood red, aptly described by a garden visitor as "the big misty black dahlia." A strong grower and free bloomer. Stems are long and strong holding the flower well above the plant. Blooms have a lot of substance and keep well after cutting. Size 11x5.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

BLENDETTE B-IC-LtBl (Rosemary) An incurved cactus of light primrose yellow, blending to light rose-red toward the tips of the petals. Long, wiry stems hold the blooms well above fairly tall plants. A distinct novelty. Size 7x3.

Root \$5.00, Pot Root \$3.50, Plant \$2.00

***BLIJHEID** B-StC-R An excellent, orange-red straight cactus on excellent stems; one of the best in its class. Useful for exhibition and as cutflower. From Holland. Size 7x3.

Root \$1.50, Pot Root \$1.00

BLUE HORIZON A-ID-L (Franklin) Blooms are quite large with good depth. It is a very free bloomer. The color is described as French violet. One of the best of the 1945 introductions. Size 9x4.

Root \$1.50

BRIDE'S BOUQUET A-FD-W (Baker-Ruschmohr) 1949 A white formal decorative with heavy substance, and good growing habits. A welcome addition to a strong class at the shows. Stems ten to twelve inches long and cane-like, holding the flower facing the side. Size 9x4.

Root \$1.50

FRAGEY PRUNING SHEARS

We have a limited supply of these fine imported pruning shears; highly satisfactory for dividing dahlia clumps. Sturdily made of high grade tool steel, we have found them very durable, as well as the most satisfactory dividing shears we have ever used. Two sharp cutting blades, in contrast to the usual one of domestic shears, eliminates bruising of tissues adjacent to the cut. Blades are properly shaped to prevent slipping. Much faster and easier to use than knives, and can cut nearly as close as knives. Ideal for all pruning purposes. Price \$5.50 post paid while present supply lasts. Sold with a money back guarantee if not fully satisfied after seeing them.



CALIFORNIA IDOL



CAPITOL CITY

CARL G. DAHL A-ID-Au (Scott) A very large, well formed flower of an uncommon shading of emberglow with a golden sheen overall and sweetbriar reverse. Excellent stems hold the flowers facing the side. This is decidedly one for those who like their dahlias big. Size 12x6.

Root \$1.50

***BRIOSO B-IC-Bi** This brilliant bicolor is a great favorite with visitors here. Bright scarlet orange, tipped white. Ideal stems for exhibition or cutting. Size 6x3.

Root \$2.00, Plant \$1.00

***BROTHER JUSTINUS B-SC-LtB** A Belgium variety of special merit as a cut flower, and it is also suitable for exhibition. Vivid orange with lighter centers. Excellent, long stems. Profuse bloomer. Size 7x3 1/2.

Pot Root \$1.50, Plant \$1.00

***BURNBRAE MEMORIES A-ID-Y** A very large Australian novelty, informal bordering on formal. The color is lemon yellow thruout. Size 10x5.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

CALIFORNIA IDOL A-ID-Y (Balley) A giant, clear yellow that can win in any class of competition. We consider it the easiest of the big exhibition yellows to grow. The flowers have great depth and are set facing, on exceptionally long stems. Size 10x6.

Pot Root \$1.50, Plant \$1.00

CAPITOL CITY A-SC-L (Phillips-Rocky River) A large, lavender semi cactus, of good substance. Flowers have very good depth, and are mostly held facing the side on strong stems. Numerous petals give the flower a "full" appearance. Plants are free branching, and vigorous. Size 10x7.

CAPITOL CITY was the winner of the American Home Achievement Medal at Washington, D. C. in 1949, and was certified at East Lansing that same year. Listed on Messrs Faust's and Eddy's Honor Roll in FLOWER GROWER, and on Mr. Webb's Eastern Dahlia Review in THE DAHLIA.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

CARLISLE'S BEAUTY QUEEN A-SC-Lt Bl (Carlisle) An improved "Your Lucky Star", being a little brighter pink, and with more substance. Centers are almost pure white. Flowers face the side on strong stems. A dahlia which many overlooked at introduction, but which should become more popular with the years. Size 9x4 1/2. Root \$1.50, Pot Root \$1.00



CHEADLE PARK

CHEADLE PARK A-SC-Pr (Eccleston-Rocky River) A welcome addition to the weak purple semi cactus class. The color is a very dark reddish purple with lighter purple on the reverse. Blooms are well formed, with good depth. Plants are upright growers with strong laterals. Size 9x4.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

CHEROKEE BRAVE A-ID-Dk R (Ricks) We consider this to be the best of the large exhibition "reds." The large, deep flowers are an attractive shade of ox-blood red, which holds the color well in hot weather. It blooms quite early and continues throughout the entire season. Excellent stems and foliage. Size 11x5.

Root \$1.00



CLARA HOOK

CLARA HOOK A-StC-Au (Wolbert-Rocky River) A large straight cactus of golden yellow, lightly suffused peach. Has been grown up to twelve inches in diameter. Flower has excellent substance. Stems are rigid. Plants tall with heavy, glossy, dark green foliage.

CLARA HOOK was the Derrill W. Hart Medal winner for large flowered dahlias in 1946. Also winner of Achievement Medals at Toledo, Ohio, and Louisville, Ky. Certificates of Merit at Cincinnati, Storrs and Baltimore. An outstanding winner in seedling and open-to-all classes since its first year. Was on all Honor Rolls.

Root \$1.50, Pot Root \$1.00

CLARIAM B-FD-Lt Bl (Wolbert) A very pleasing and consistent variety in the garden. Medium sized blooms of light, bronzy buff overlaid begonia rose. Stems are long and rigid holding the bloom well out of the bush. Very early and free bloomer and also a good keeper when cut. Size 7x3.

Root \$1.00



CLARIAM CADET



CLARIAM CADET A-SC-R (Wolbert-Rocky River) A ten inch bloom with more than average depth. The color is a sort of wine red with darker shadings. Plants are tall, with flowers held well out of the foliage on good stems. Blooms at forty-five degree angle and top facing. Full bodied flowers with good substance stand up well both on the plant and after cutting. Size 10x5.

Root \$5.00, Pot Root \$3.50, Plant \$2.00



CLARIAM FANCY



CLARIAM FANCY B-SC-LtB (Wolbert-Rocky River) A semi cactus with broad laciniate petals of very good substance. The color is light yellow at the centers shading deeper and suffused with rose on outer portions of the petals. Reverse has a deeper rose suffusion which shows on the twisting petals. Strong stems. Plants spreading in growth. Size 7 1/2 x 4.

Root \$1.00





CLARIAM FOREVER

CLARIAM FOREVER A-ID-Pk (Wolbert-Rocky River) It is seldom that a dahlia attracts as much attention for its color as this one does. A clear, delicate shade of pink, without a trace of magenta, so common in "pinks". The flowers face the side on stiff, well proportioned stems. Plants are strong growers with good foliage. Informal in type, with tight centers until frost. Size 10x5.

Root \$3.00, Pot Root \$2.25, Plant \$1.50



CLARIAM GOLD

CLARIAM GOLD A-StC-Au (Wolbert-Rocky River) A straight cactus of deep golden yellow. Blooms will average about ten inches in diameter. Good, stiff stems carry the flower facing the side. Flowers have good depth and good substance. We saw this as a first year seedling at which time we liked it immensely, and have continued liking it even better after having grown it. Size 10x5.

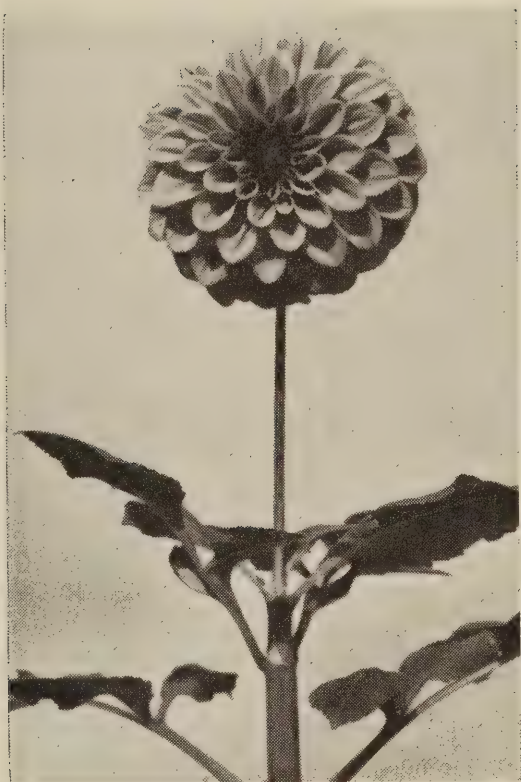
Root \$2.00, Pot Root \$1.50, Plant \$1.00

CLARIAM KELTON A-ID-FI (Wolbert-Rocky River) Fairly large blooms of flame red blended with yellow and with yellow reverse. Very showy in the garden and a consistent winner at shows. Plants are tall, open growers, producing an abundance of flowers on long, strong stems. Several have written that this was one of the pleasant surprises of the 1945 introductions. Size 9x4.

Root \$1.50

INDELIBLE MARKING OF ROOTS

Roots may be marked with an indelible pencil when labels are not practicable, or desirable. Wet and clean a portion of one of the more mature roots on the clump. Then wipe off any excess moisture with a dry cloth, and write the name of the variety on the root, applying no more pressure on the pencil than necessary for a clear marking. Marking two roots on each clump is a wise precaution.



CLARIAM LURAY

CLARIAM LURAY B-FD-Pk (Wolbert-Slough -Rocky River) A seven to eight inch formal decorative with unusual depth, forming a ball-shaped flower. Full centered, it is a good type for exhibition. The color is a dark pink. Stems are well proportioned and strong, holding flowers facing the side. Size 7x4.

Root \$5.00, Pot Root \$3.50, Plant \$2.00



CLARIAM ROYALTY

CLARIAM ROYALTY A-StC-Pr (Wolbert-Rocky River) A large purple, straight cactus which has been grown 12x9. Reverse of the petals are lighter, showing at the center. A very full petalled flower, which keeps well after cutting. Strong stems hold most of the blooms facing up. Plants are tall open growers. It is almost unbeatable in its class, and will win many "best bloom" honors. Size 9 1/2 x 6.

CLARIAM ROYALTY received the American Home Achievement Medal at seven shows in 1950, as follows: Scranton, Newark, Irvington, Toledo, Indianapolis, Louisville and Cincinnati. Listed on Messrs Faust's, Eddy's and Dudley's Honor Rolls in FLOWER GROWER, and Mr. Webb's Eastern Dahlia Review. Several Seedling Sweepstakes awards to its credit.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

GIFT CERTIFICATES

Give a gift certificate for dahlias for Christmas, anniversaries, or as a "Thank You" for favors. Certificates may be for specified varieties, or for a specified value. Your friends will appreciate them.



CLARIAM SPLENDOR

COLLECTOR'S ITEM A-SC-FI (Keck-Stephens) A strikingly colored blend of yellow heavily overlaid flame red. Flowers have very good substance and keep well when cut. Strong growing plants produce full centered flowers until late in the season. Size 10x4½.

Root \$5.00, Pot Root \$3.50, Plant \$2.00

COL. A. G. RUDD A-ID-Dk R (Geer) Rich carmine with deeper, mahogany red at the center. It is a real factor in the red classes. Strong, tall grower. Size 10x4.

Root \$1.50, Pot Root \$1.00

COL. LITTLE A-ID-O Bl (Ambrose) A very showy, bright scarlet-orange, with twisting petals showing the lighter reverse. A good grower, carrying the flowers well above the fairly tall plant. Good stems. This brilliantly colored dahlia is bound to be popular. Size 10x5.

Plant \$1.50



CONNIE CASEY

CLARIAM SPLENDOR A-IC-Lt Bl (Wolbert-Rocky River) A blend of pastel shades, light yellow centers, suffused light lilac-pink toward the outer portion of the petal, and with a deeper lilac line around the outside of each petal. An incurved cactus, easily grown ten to twelve inches in diameter. Good stems holding most flowers facing the side. The plants are good growers and very free branching. Size 10x5.

Root \$1.50

CLASS A-FD-Y (Salem) An excellent variety for exhibition as it is one of the few formals which remain formal at all stages of maturity. The color is a medium shade of yellow. A prolific bloomer on compact plants. Size 10x4½.

Root \$1.00

CONNIE CASEY B-StC-Au (Rev. Engle-Rocky River) A medium size cactus with lacinated petals. The color is a light golden buff. A seedling of Miss San Diego, with many of the parent's characteristics, except color, which is autumn. Size 8x4.

Root \$1.00, Pot Root \$1.50

CORAL CACTUS B-IC-Lt Bl (Bennett-Beckman-Ruschmohr) A beautiful shade of coral pink, shading to yellow at centers. Very early and profuse bloomer. Open grower. Size 8x4.

Plant \$1.00



COSMOPOLITAN

COSMOPOLITAN A-ID-FI (Phillips-Rocky River) This Derrill W. Hart Medal winner in 1949 for "A size" varieties has few faults, and can be depended upon for steady performance. The color is rose red shading to gold and yellow on outer area of petals. The informal flowers are well formed, and full centered until the end. Stems are those of a good exhibition variety. Size 8x4 $\frac{1}{2}$.
Pot Root \$1.50, Plant \$1.00

***CROYDON MASTERPIECE A-ID-Au** This large, massive variety was an instant hit in this country when it first came here from Australia, and is destined to popularity for many years. The color is a deep shade of tan. High, full centered flowers are held facing up on strong stems. Size 11x6.

Plant \$1.00

CYMBIE A-SC-Pk (Brown) This was one of the most popular of the 1952 introductions from other growers, in our fields, in spite of the lack of ballyhoo at introduction. Altho introduced as an informal, it appeared to be more of a semi cactus with us, and can be grown very large, with blooms up to twelve inches. The color is a pleasing shade of rose pink with a light salmon overcast. The full centered blooms have excellent depth, carried facing side on good stems. Size 10x5.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

DAHLIAMUM A-ID-Au (Chemar) Among the larger varieties, this is such a strong grower that we recommend it for every beginner's garden. A deep flower of cadmium apricot with a golden sheen. Stems are strong, carrying the flowers on top. Profuse bloomer. A truly fine all-around dahlia. Size 10x5.

Root \$1.50

***DARCY SAINSBURY A-FD-W** This Australian variety is now the most popular of all white dahlias for exhibition, winning scores of awards throughout the country's leading shows each year. Its pure white color and free flowering habits make it a standout in the garden too. The flowers are fairly large, and have all the qualities of a good dahlia. Size 9x4.

Root \$1.00

D-DAY B-FD-Pk (Hendricks) A medium sized variety of true pink. A fine florists' flower and an excellent candidate for "best bloom" classes at shows. The flowers are well formed, with very good substance, and the stems are ideal. Plants are tall open growers and productive. Size 7x3 $\frac{1}{2}$.

Root \$1.00

DEBUT A-FD-Y (Brown) A large, yellow, formal decorative of good formation, and excellent growing habits. Blooms have exceptional depth and are held well above the rugged plants on long stems. The foliage of this variety is the broadest of all dahlia foliage. Size 9x5.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

DEEP VELVET B-FD-Dk R (Baker-Ruschmohr) A formal decorative of dark carmine with an overlay of oxblood red. Petals have a deep velvety appearance. The all-around good qualities of this dahlia won for it, the Derrill W. Hart Medal for "B" size dahlias in 1946 although it can be grown to "A" size. Strong grower. Size 8x4.

Root \$1.50

***DEUIL du ROI ALBERT B-FD-Bi.** Pansy purple tipped white to a marked variable degree. Petals are rather narrow and long. Stems are slender and erect. Free flowering. Size 7x3½.

Root \$2.00, Plant \$1.00

DIXIE'S WINE DOT A-ID-Var (Hendricks) A variegated white, splashed with wine color. Blooms can be grown to twelve inches in diameter with corresponding depth. Winner of the American Home Achievement Medal at Chicago, Toledo, and New Baltimore in 1942. A strong grower. Size 11x5.

Root \$2.00, Pot Root \$1.50, Plant \$1.00



DOREEN E.

DOREEN E. B-StC-Pr (Eccleston - Rocky River) A striking, deep reddish purple cactus. Face of the flowers are red, the reverse purple, which gives the flower its purple effect as petals quill. Petals are tightly rolled from base to tip, with tips deeply lacinated. Stems are nicely proportioned as to length and thickness, Pot Root \$1.50, Plant \$1.00

DOROTHY GEER B-FD-Pk (Geer) This was one of the most attractive and pleasing dahlias in our gardens during the past season. The flowers are medium sized; of light rose pink, shading lighter toward the tips. Blooms are uniformly of exhibition quality. This one should be a factor in classes calling for the most perfect bloom in the show. Bushes are tall and well formed. Size 7x3½.

Root \$1.00

DR. J. BEYER A-ID-LtBl (Zourk-Parrella) A blend of straw yellow and apricot, with deeper tones showing on the reverse of petals. Strong stems. Robust plants. Early and prolific bloomer. Size 10x5.

Plant \$3.50

RED SPIDER CONTROL

The common "red spider" becomes an increasingly serious pest of dahlias especially when DDT is used for the control of other pests. Growers should familiarize themselves with the first evidence of the presence of "red spider" and take immediate steps to control it. Safe, effective means are available (see page (69)).



DR. JOHN F. MORSE

DR. JOHN F. MORSE A-ID-DrR (Olesen-Rocky River) A heavy textured, velvety, dark reddish purple, more red than purple. Plant stem and substance indicate it to be one that can be forced for size. With ordinary culture it grows ten to eleven inches in diameter, but has been grown to better than thirteen inches. Does not fade or burn readily, and has consistently performed well in the hot, dry summer climate of its native Iowa. We believe that those who like to "see what can be done" with "em" will grow some outstanding blooms of it.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

***DRUM MAJOR A-ID-R** An Australian which has everything a good dahlia should have. Massive blooms on good stems. The color is a rich shade of terra cotta red. The plants are strong growers. We believe it is destined to take its place alongside such favorites as Kelvin and Pop Harris, from that same country. Size 11x6.

Plant \$1.50

EDGAR A. GUEST B-SC-Y (Koenig) A well formed flower of sulphur yellow. Medium sized flowers are carried well above the bushes on good stems. Early and profuse. Size 8x4½.

Root \$1.50



EDNA D.

EDNA D. A-StC-R (Diffenderffer - Loller - Rocky River) A huge straight cactus of bright rose red, which has been grown fourteen inches in diameter. A strong, tall grower with heavy dark green foliage. This variety can dominate the class for large red cactus. Stems are good. Petals broad and not too tightly rolled. Very impressive in the garden and on the show tables. Size 11x5.

Pot Root \$1.50, Plant \$1.00

EMPIRE STATE A-SC-LtBl (Warren-Ruschmohr) A large, massive flower of canary yellow, marigold orange, and light rose. Well proportioned, strong stems hold most flowers facing the side. A strong grower, producing well. Size 11x5.

Plant \$2.50

ENGLE'S WHITE CHIEF A-FD-W (Engle) This introduction was one of the best performers of the past season in our fields. Large blooms up to twelve inches with heavy, waxy, pure white petals. While some stems are a trifle short, most are of suitable length for exhibition purposes. Plants are strong growers with heavy, glossy foliage. Size 10x4½.

Root \$1.00



ESQUIRE

ESQUIRE A-ID-Pr (Martin-Rocky River) Borderline between formal and informal, this large, true purple, will hold its own in either class. As a matter of fact, we believe it will be the successor to Mrs. Hester A. Pape, since the latter has been classified red. Slightly below medium height, the plants are rugged, with heavy, glossy foliage. Size 10½x5. Root \$5.00, Pot Root \$3.50, Plant \$2.00

FAITHFUL A-SC-W (Dahliadel) A fairly large, wide petaled, semi cactus white that is easy to grow. Plants are robust with glossy green foliage and fairly tall. Well proportioned stems. Size 9x4½. Root \$1.50

FARNCOT B-IC-Bi An old-timer, which is still one of the best in the bi-color cactus classes. The color is a deep purple, with the outer one-third of the petals tipped pure white. Like most bi-colors it will produce some solid colored flowers. Size 6x3. Root \$1.00

FASHION HOUR A-IC-Pr (Roberts-Ruschmohr) An incurved cactus of cyclamen purple. Good stems and foliage. Size 9x4. Plant \$3.50



FIGARO

***FIGARO** A-SC-Var. Reputed to be a seedling of Satan, with many of the good characteristics of the parent, and none of the faults. The color is a golden-yellow, flecked and streaked red. The flowers are very large, and most striking in appearance. Stems and plant growth are excellent. A superb exhibition flower which is outstanding in the bi-color classes. Size 11x5.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

FIREGLEAM B-StC-LtBl (Johnson) An attractive straight cactus of good quality. Its color is a blend of orange, nasturtium red, and canary yellow. Flowers face side on stems twelve to fifteen inches in length. Size 7x3.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

FIVE STAR GENERAL A-FD-Lt Bl (Ramage-Ruschmohr) One of the largest formal decoratives. The color is two or three shades of pink blended with maize yellow. Long strong stems. Good grower. This introduction was at its best this past season, winning innumerable prizes at shows all over the country. Size 11x5.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

FLAMING SUNSET B-SC-Or (Northbrook) A medium sized flower with very good substance, giving the flower a "trim" appearance. Stems are ideal, holding the blooms side facing. The color is an attractive, soft orange-flame, general effect is light tan. Size 8x3½.

Root \$1.00

FLORENCE CHADWICK B-StC-W (Comstock) We consider this fine white cactus the best of it's type, to the time of it's introduction in 1953. Tips of the petals are lightly flushed lavender, and with the lavender more pronounced at the centers. Flowers have excellent substance, fine formation, and very good depth. Stems are in keeping with the blooms. Plants are strong growers, producing an abundance of flowers. Size 7x4.

Pot Root \$5.00, Plant \$2.50



FORMALITY

FORMALITY A-ID-LtBl (Olesen-Rocky River) Will probably be classed informal, altho it gets its name from the very formal appearance of the flower and plant. A peculiar shade of pink, suffused autumn, which we have tentatively called a smoky pink. Flowers have thick petals, rolling back to give the bloom good depth. Plants are very strong, with dark, glossy foliage which has a bronzy sheen. Size 9½x5.

Root \$1.50

FORMOSA A-FD-Pk (Salem) This was one of our personal favorites of the past season. The blooms are fairly large, and the color is a very clean, attractive amaranth pink shading to Tyrian pink. It is a bright flower on strong stems, and the bushes are rugged. Size 9x4.

Pot Root \$1.50, Plant \$1.00

FRIEDA GAYLORD A-ID-Pk (Ballay) A magnificent dahlia of remarkable size. The color is an attractive rosy pink lightly flushed gold, and with the gold more pronounced at the centers. Stems are very good, holding the flowers facing the side. We regard it as the largest of the "pinks" having been grown fifteen inches in diameter. Size 11x5½.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

FRIENDSHIP B-StC-L (Pennypack) A well formed, straight cactus of clear lavender. Very good stems hold flowers facing slightly up. A good grower and prolific bloomer. Size 7x3.

Root \$10.00, Pot Root \$6.75, Plant \$3.50

GEN. JOHN J. PERSHING A-SC-Au (Ward-Ruschmohr) A sport of Virginia Rute with all the characteristics of that great variety. The general color effect is tan. Petals are striped and splashed violet. Tall grower and good bloomer. Size 11x6.

Root \$1.00

***GERRIE HOEK B-FD-Pk** This is a "darling" of the flower arrangers and a superior cut flower variety. The clear pink, waterlily-type flowers are borne in profusion on excellent stems. Size 5x2.

Plant \$1.00

GLADYS BREWSTER B-FD-DkBl (Brewster-Ruschmohr) A formal decorative dark blend of train purple and white. Well formed blooms have good keeping qualities. Size 8x4. Root \$10.00, Plant \$3.50



GOLD COIN

GLAMOUR A-ID-Pr (Salem) A notable addition to the really large dahlias. Everything about the flower suggests size and vigor. It is a variety which anyone seems to be able to grow well under almost all conditions. The very large flowers are an unusual shade of light purple with each petal edged amaranth pink. The petals roll well back giving the flower extreme depth. A consistent winner at the best shows in both specimen bloom and "largest bloom in the show" classes. Size 12x7.

Plant \$1.00

***GLORIE VON HEEMSTEADT** B-FD-Y An attractive yellow formal decorative, with somewhat the petal formation of the popular Gerrie Hoek. The petals are a trifle more numerous than those of the latter, and it may be a trifle larger. Excellent as a cutflower, and for arrangements. Size $5\frac{1}{2} \times 2\frac{1}{4}$.

Pot Root \$1.50, Plant \$1.00



GOLDEN TREASURE

GOLD COIN A-IC-Au (Pape-Rocky River) A fine, gold incurved cactus that should rate with other originations of this famous originator of Mrs. Hester A. Pape, Virginia B. Taggart, and Black Monarch. The large blooms have tightly rolled petals that have a decided tendency to angle sharply sidewise, when properly "finished". Very good substance, and a good keeper. Size $9\frac{1}{2} \times 5$.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

GOLDEN TREASURE B-FD-Au (La Motte-Rocky River) A real standout, and a dahlia we are proud to list as one of our introductions. The general color effect of this excellently formed flower is gold, a color greatly in demand by our Cleveland florists. It is a good keeper when cut, has a nice stem, and is a very free and early bloomer. Ideal for cutting or exhibition. Winner of several "best in show" awards for B size dahlias in its first year. Plants are extremely rugged, with heavy foliage. Size 8x4.

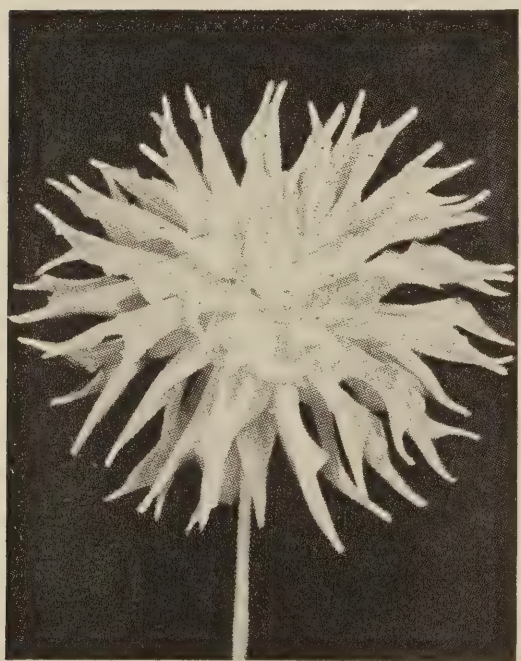
Root \$1.00



GRACE WARFIELD

GRACE WARFIELD A-SC-LtBl (Differderffer-Loller-Rocky River) A nine to ten inch semi cactus of chrome yellow, lightly suffused apricot at outer tips. Petals are narrow, deeply lacinated, and twist in all directions, giving the blooms a shaggy appearance, similar to that of TERRY. However, petals are more numerous than in the case of TERRY. Good stems hold flowers facing side. Plants are vigorous, producing many blooms thru-out the season. Size 9x4 1/2.

Root \$7.50, Pot Root \$5.00, Plant \$2.50



GREATER GLORY

***GRAF FOLKE BERNADOTTE** A-SC-W This large white semi cactus from Germany is one of the best ever to come from there. Blooms have good substance, stems are long and strong, and the plants are vigorous. Size 9x4 1/2.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

GREATER GLORY A-SC-Lt Bl (Salem) A very large semi cactus of rose pink, shading lighter. Excellent formation and a consistent winner at strong shows. Plants are tall, strong growers, producing an abundance of flowers thruout a long season. One of the best of it's type. Size 9 1/2x4 1/2.

Root \$1.50, Pot Root \$1.00

DAHLIA SEED

Our dahlia seed is unsurpassed.

See Page (60)



GREAT LAKES



HARMONY

GREAT LAKES A-ID-W (Marsh-Rocky River)

An early, white informal with a demonstrated ability to win at the best shows. Regarded by many as the outstanding 1948 introduction. It is an easy to grow variety, which blooms early and profusely, holding full centers until frost. Clean, stiff stems hold the flowers well above the tall plants. An open grower with slender canes. Size 10x5.

Plant \$1.00

GYPSY GIRL B-FD-Var. (Parrella)

An odd and striking color combination of rose-line pink, flecked and streaked dahlia purple. This introduction was the winner of the Leonard Barron Trophy as best cut flower variety in its pre-introductory year. Fine stems and a good keeper. It can win in the best show competition. Size 5x2 1/2.

Pot Root \$1.50, Plant \$1.00

HARMONY B-IC-Pk (Wolfe-Rocky River)

A camelia rose pink, incurved catus. Petals have a tendency to twist side-wise at the tips. Strong, rigid stems hold blooms well above tall, strong growing plants. Very good substance enhances its value for exhibition purposes and for decorative work. Size 8x4.

Root \$7.50, Pot Root \$5.00, Plant \$2.50

CLUMPS

Whole, field grown clumps, as dug, will be available of most of the varieties listed in this catalog. Clumps are sold only for fall delivery; no clumps being held later than Dec. 15th. Clump price lists are sent only to those who ordered clumps the previous fall, and to those who request it for that particular season. Requests for the price lists may be sent now.



HARRY A. BEALS

HARRY A. BEALS A-ID-DkR (Beals-Boyle-Rocky River). A large, rugged flower on a rugged plant. The color is dark red, or purplish red, with reverse of the petals streaked silver which also shows at the center of the blooms. Excellent substance. Stems are strong and of varying length; better when forced. Size 10x5.

Root \$10.00, Pot Root \$6.75, Plant \$3.50

HEAVENLY WHITE A-FD-W (Scott) A fairly large white, with good depth of bloom. Stems are well proportioned, and the plants are rugged growers. Size 9x5.

Root \$1.50, Pot Root \$1.00



HIAWATHA

***HELEN BRETT** B-St-Or. An extremely attractive color of glistening, golden orange. Flowers of near perfection at all times. Good substance spell good keeping qualities when cut. Ideal stems. A very useful multi-purpose variety. Size 5x3.

Plant \$1.50

HIAWATHA A-SC-Y (Devney-Rocky River) Clear buttercup yellow on very long stems. Petals are pointed and twisting. Good substance, the flower holding it's form nicely on the plant or after cutting. Plants are tall and are good growers. Does best if not over-fed. Size 9x5.

Pot Root \$1.50, Plant \$1.00

PLANT SHIPMENTS

Plant shipments are subject to so many conditions (see page 2) that no assurance can be given that plants will be shipped at a specified time. State the time you would like shipment. Shipment will be made as near that time as possible.

Do not ask for shipment in March or early April. The best time is mid-May to June 1st when our production is at its peak, and plants at their best. Pot roots and roots can be shipped any time, and usually right on schedule.



HOBO

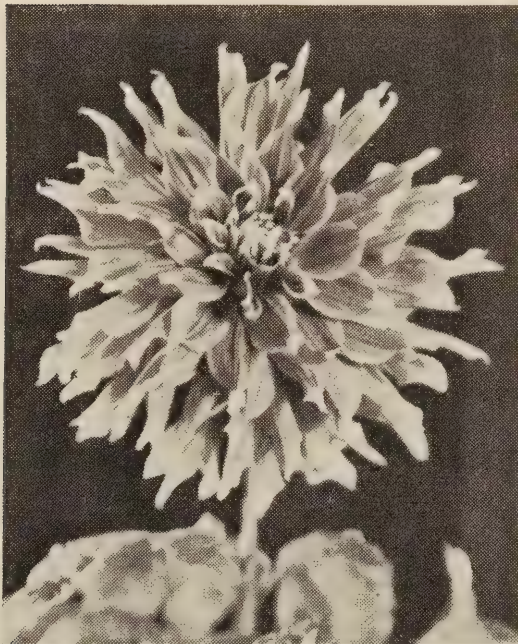
HOBO A-FD-L+Bl (Rocky River) A large formal with an unusual color combination; white with the outer third of each petal suffused deep lavender. The effect is that of a bi-color, but with the colors reversed. Thick, waxy petals hold up well even in bad weather. Foliage is dark green, and glossy. Under field culture, our early blooms have had some short stems, but later blooms have had much better proportioned stems. Very popular with visitors here. Size 10x5.

HOBO received a Certificate of Merit at the Cincinnati Trial Grounds, the only one to which it was sent.

Pot Root \$1.50, Plant \$1.00

HOOSIER MARVEL A-SC-Y (Wolfe) One of the very largest. The color is about the same shade of yellow as Lord of Autumn. Blooms have great depth. Plants are strong growers and free branching. Should be planted early for early shows. Size 11x6.
Root \$2.00, Pot Root \$1.50, Plant \$1.00

HUNT'S VELVET WONDER A-ID-Pr (Hunt) One of the popular big ones of a few years back, which is staging a come-back in some sections. The deep flowers have long, broad petals of deep redish-purple, shading to true purple. Size 11x7.
Root \$1.50



JANE LAUSCHE

JANE LAUSCHE A-SC-Bi (Rocky River) A new color combination in a large dahlia. Rosy mauve with about one-third of each petal tipped white. Just about all the superlatives in the dictionary have been used to describe it. Winner of many "largest bloom" and "most perfect bloom" awards. The plants are open, fast growers and produce blooms early, and in profusion until frost. A standout in the semi-cactus bi-color class. Size 10x6.

Root \$1.00

JAUNE LA BELLE A-StC-Y (Dr. Barber-Rocky River). The largest of our 1952 introductions, which can be grown twelve inches in diameter without great effort. The color is a deep shade of lemon yellow. Flower has good substance and can be grown to exhibition perfection. Well proportioned stems hold flowers facing the side. Tall grower. Size 11x5 1/2.

Root \$5.00, Pot Root \$3.50, Plant \$2.00



JAUNE LA BELLE

***JEAN TRIMBEE A-SC-Pr** A Canadian introduction of a few years ago which yearly piles up one of the finest show records of any dahlia. Large flowers of a rich violet shade. Tall grower. It is one of the first dahlias in the garden to bloom and it is a free bloomer thruout the season. Size 9x5.

Root \$1.50

JERSEY'S BEAUTY B-FD-Pk (Watte) The most universally grown dahlia of the present. Eosine pink, of medium size. Our stock of this is exceptionally fine. Size 7x4.

Root \$1.00

JERSEY'S DAINY B-StC-W (Waite) Still a top-notch after many years. Winner of many blue ribbons the past season as well as numerous "specials." A really good white cactus for shows. Size 7x4.

Root \$1.00

JINI MARIE B-SC-LtBl (Collins) A medium size variety of delicate shell pink with primrose yellow at the centers. Long, slender stems. Size 6x3.

Pot Root \$1.50

JOAN FERENZ A-ID-Y (Rindfleisch-Ruschmohr) Large flowers of pleasing formation. General color effect is deep yellow-gold, although there is a flush of spinel pink in outer petals. An early bloomer and consistent performer here in our gardens. Size 9x5.

Root \$1.50

***JUANITA B-StC-DkR** One of the finest dark red cactus. Nicely formed blooms with excellent substance, good stems, and high productivity enhance it's value as a garden flower in addition to it's superior qualities as an exhibition sort. Plants are reliable growers, and it is a good root producer. Size 7 1/2 x 4.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

JUDY G. B-C-Dk Bl (Geer) A striking combination of rich ox-blood red with shadings of orange and orange-red. Well formed flowers held facing, on good stems. Size 7 1/2 x 4.

Root \$1.50

JULIA MCKAMEY A-ID-Pk (McKamey-Hulin) A large, clear pink, with very good depth, held facing side on good stems. A good producer and a splendid keeper. Size 10x6.

Pot Root \$3.50, Plant \$2.00

KAY KAY A-SC-LtBl (Roberts-Ruschmohr) An attractive color, barium yellow, overlaid and suffused camellia rose. Free, and early bloomer; always a spot of color in the garden. Size 9x4 1/2.

Root \$1.50, Pot Root \$1.00

***KELVIN A-ID-Pk** One of the greatest dahlias to come out of Australia. Blooms are large and massive, held facing up on strong stems. The color is buff heavily suffused carmine rose, giving a general color effect of peach pink. Strong plants with exceptionally coarse, broad foliage. Size 10 1/2 x 6.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

KENTUCKY SPORTSMAN A-ID-Bi (White) An unusual color combination of three distinct colors. Lemon yellow at the center, outer petals are golden amber tipped white, and with an old rose reverse. Fairly large flowers of good exhibition qualities. Size $9\frac{1}{2} \times 4$.

Root \$1.00

***KIDD'S CLIMAX A-FD-Lt Bl** Large ball-shaped flowers with the colors of that old favorite, Freda George; Cream overlaid pink and heliotrope. Long, strong stems hold flowers well above the foliage. Size 10×6 .

Pot Root \$2.25, Plant \$1.50



KIRSTEN FLAGSTAD

KING SIZE A-StC-R (Johnson) A very good, large cactus of spectrum red on ideal stems. A fine producer of numerous exhibition quality blooms, starting early in the season. We consider it one of the best varieties of the year of its introduction. Size 10×5 .

Pot Root \$1.50, Plant \$1.00

KIRSTEN FLAGSTAD A-FD-Au (Brown-Rocky River) Outstanding in the garden, producing large, fine blooms very early, and continuously throughout the season. Plants are tall with flowers held well above heavy, glossy green foliage. The color is rich gold suffused lightly with apricot. Winner of several "specials" at shows this past season. Size $9\frac{1}{2} \times 4\frac{1}{2}$.

Root \$2.00, Pot Root \$1.50, Plant \$1.00



LADY ALICE

LADY ALICE B-StC-Au (Kriel-Rocky River) A medium size straight cactus with deeply lacinated petals. Nearly perfect stems hold the blooms mostly side facing, and well above tall, strong growing plants. The color is deep golden bronze with a metallic sheen. Early and profuse bloomer. Substance is fair. Centers are inclined to open a bit too quickly under unfavorable conditions of growth, but it is nearly always possible to cut fine exhibition blooms. Size 8×4 . Root \$2.00, Pot Root \$1.50, Plant \$1.00

LADY OF THE SNOWS A-FD-W. A border line decorative of creamy white. Strong stems hold the flowers facing the side. An early bloomer that holds up well late into the season. Size $10 \times 4\frac{1}{2}$.

Plant \$3.50



LAURA B.



LAURA B. B-SC-Lt Bl (Trauth-Rocky River)

For sheer beauty, this is one of the leaders in this list. Base of the petals are deep golden yellow blending to a rich strawberry red on the outer nine-tenths of the laciniated petals. Petals have excellent substance and the flowers keep very well when cut. Stiff stems of ideal proportions hold most of the blooms at a forty-five degree angle. An easy to grow variety with attractive leathery foliage. Size 8x6.

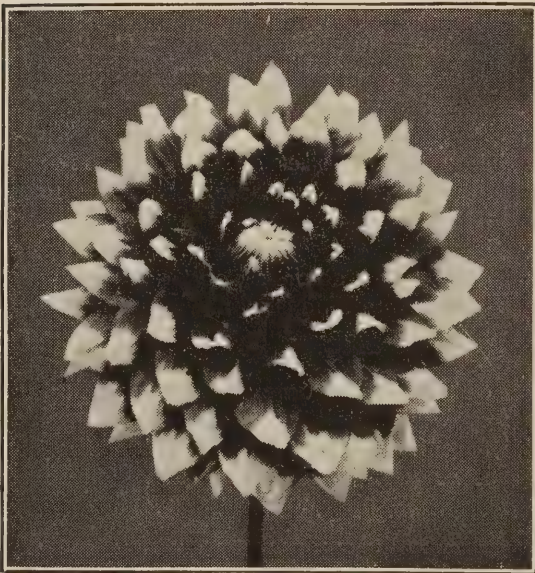
Root \$2.00, Pot Root \$1.50, Plant \$1.00



LINK'S BLUE TRIUMPH A-FD-L (Link-Premier) An improved Blue River; slightly larger and with better foliage. Color is lavender-purple. Good stiff stems. A consistent winner in its class. Size 9x4. Root \$1.50

LINK'S SENSATION A-SC-Fl (Link-Premier) A large, deep flower of a mixture of buff and scarlet, blending to appear orange. Reverse is bittersweet-orange which shows on the face of the flower as the petals twist. Good, strong stems. Free bloomer. Foliage is leathery and insect resistant. Size 9 1/2 x 5.

Root \$1.50, Pot Root \$1.00



LOIS WALCHER

LOIS WALCHER B-FD-Bi (Walcher) This sensational winner as a seedling, continued its fine record during the past season. We regard this as one of the finest true bi-colors on the market. Flowers are of medium size, true pansy purple, evenly tipped a clear white. We recommend this one be given good cultural methods for best results. Plants are low to medium in height, with dark green foliage. Stems are long and unbending. Size 7x4.

Pot Root \$1.50, Plant \$1.00

VISITORS ALWAYS WELCOME

Visitors are welcome at the ROCKY RIVER DAHLIA GARDENS at all times of the year. Make this a stop when in the vicinity of Cleveland. Gardens are located about eight miles from downtown Cleveland, within two miles of all routes west.



LORD OF AUTUMN

LORD OF AUTUMN A-ID-Y (Almy) One of the greatest of the great. This big, artistically formed beauty is one of the greatest winners at all shows. It has many "largest bloom in the show" awards. The clear yellow flowers have exceptional depth. Although it is regarded as a bit temperamental in its growing habits, we believe that everyone interested in the largest ones should try it. Our stock has produced many winners. Size 10x6.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

LUCKY B-StC-R (Schutte) A bright red cactus. Ideal for cut-flower work on exhibition. Blooms are held facing on stiff wiry stems. Starts blooming very early and continues to produce freely throughout the season. Size 7x4.

Root \$1.50

LYNN FONTANNE A-SC-R (Lee-Parrella) One of the very largest. A frequent winner of "largest bloom" awards. The color is spectrum red with shades of carmine towards the tips and with chrome yellow petaloids throughout the flower. A strong grower and a good keeper when cut. Blooms face the side on strong stems. This is a dahlia which is still growing in popularity with those who like the big ones. Size 11x7.

Root \$1.50

MADONNA A-ID-W (Sarett-Ruschmohr) A large white flower with very good depth. The massive blooms are held facing up, or at a forty-five degree angle, on strong stems. Madonna established an outstanding record before being introduced, and should continue its winnings for years to come. Strong bushes of wide spreading growth. Size 10½x6.

Root \$1.50

***MAFFIE A-SC-R** A very highly regarded dahlia of recent introduction. The color is an intense, bright red. Nearly always a contender for largest bloom in the show honors. Tall, open grower. Size 11x6.

Pot Root \$1.50, Plant \$1.00

***MAGIC SUN B-SC-LtBl** This is one to grow for "most perfect bloom" classes; a very prim flower. Primrose at centers, shading darker toward outer edges and suffused light orange and rose. Excellent stems. Early and profuse blooms, of good substance, enhance its value as a cutflower. Size 7x3.

Root \$1.50, Pot Root \$1.00

***MAGNETIC B-StC-Y (Johnson-Dahliadel)** Brilliant primrose yellow, straight cactus of excellent formation. This Australian variety is an early and profuse bloomer. Stems are long and slender, holding the flowers facing side. Size 7½x3½.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

MAGNIFICENT A-SC-Au (Crystal) A blend of light orange and orange chrome, the general effect being golden orange. This 1948 introduction is a midseason bloomer, and a strong grower. Stems are inclined to be short, especially in our fields. Size 11x5. Root \$1.00



MAJOR VEIRS

MAJOR VEIRS A-FD-Au (Veirs-Rocky River)
A formal decorative of buff yellow with peach suffusion on outer petals. Petals roll back forming a deep flower. A very rugged grower and a dahlia that can stand forcing. Foliage is heavy and broad. Flowers average nine to ten inches but can be grown to twelve.

MAJOR VEIRS was the winner of Achievement Medals at Cleveland and East Liverpool. Certificate of Merit at Baltimore and on Robert's Midwestern Honor Roll. Size 9x4½.

Pot Root \$2.25, Plant \$1.50



MARGRACE

MARGRACE A-ID-FI (Bissell) A really striking variety of brilliant scarlet, tipped gold, and with gold at the base of the petals. Large flowers, long stems and tall bushes, of open growth. A consistent winner. Size 9½ x 5.

Root \$1.50

MARION GLENN B-SC-Pr (Miller-Dahlia-del) A nicely formed purple semi cactus with lacinated petals. Wiry stems hold flowers facing side. Early and profuse. Size 7x3.

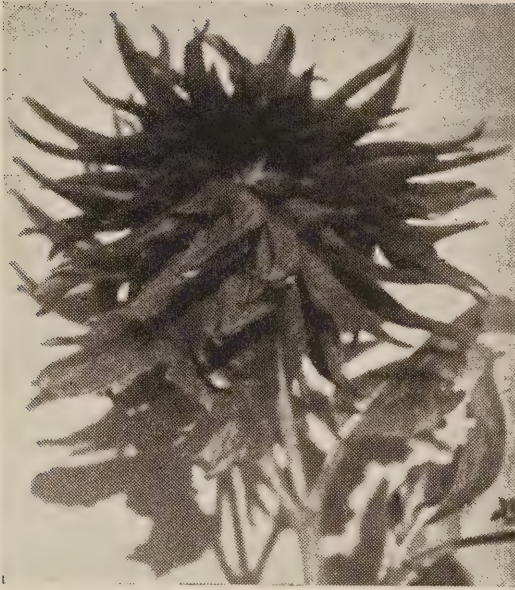
Root \$2.00, Pot Root \$1.50, Plant \$1.00

MARY ELIZABETH A-ID-R (Robens). A very large, deep flower of dark turkey red, lightly suffused yellow on edge of the petals. Plants are good growers with dark green foliage. Stems are inclined to be a bit short. Improved by growing to four canes. Size 11x6. Root \$10.00, Pot Root \$6.75, Plant \$3.50

LOST LABELS

Lost labels can be largely avoided by attaching them to one of the roots, instead of to the stalk. Stalks shrink in storage allowing the labels to slip off.

The best, and most permanent marking for labels is India Waterproof ink, such as used by draftsmen. Use painted (or treated) labels, and apply the ink with an old fountain pen. With a little practice, one can do a very neat job, and the labels will be legible even after being buried in the ground for a season.



MARY JO

MARY JO A-C-DkR (Beals-Boyle-Rocky River) One of the richest red colors in our list. A medium dark red with a velvety sheen. Petals have very good substance, the plants are good growers, and it is a dahlia that every visitor to the garden stops to see. Stems are very strong and rigid, although at times a bit short on first blooms, holding the flowers facing the side. Size 10x5.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

MARY NOBLE A-FD-L One of the best of it's color and type. Phlox pink to bright mauve. Blooms have size, depth and good quality. Plants vigorous. Size 10x6.

Root \$1.50



MARYLAND BEAUTY

MARYLAND BEAUTY B-SC-LtBl (Phillips-Rocky River) A very prim semi cactus of light autumn shades. The seven to eight inch blooms are usually side facing on excellent stems, and held well above strong growing plants. An excellent variety for exhibition as the substance in keeping with the well formed blooms. Size 7x4.

Root \$5.00, Pot Root \$3.50, Plant \$2.00



SEEDLING TRIALS

Our seedling trials are the most extensive of any in the country. These require a great deal of time in observation and keeping of records, so we must request that we not be asked to grow your seedling unless you intend that we introduce it, if introduction appears to be warranted. Our introductions are grown here at least one year prior to being released.

Because of the great number of varieties grown here on trial, we suggest that varieties not be sent until the originator has sufficient stock so that he can send us four or more roots, or plants, with permission for us to destroy the clumps of those which do not seem to warrant introduction.



MAUDE CRAWFORD

MAUDE CRAWFORD B-StC-Y (Haugh-Rocky River) This yellow cactus has been the "best yellow" of that type for our cut-flower trade the past two years. It is very early and blooms profusely. Stems and laterals are ideal for cutting. The well formed flowers keep very well, and the color is an attractive lemon yellow. The fern-like foliage adds to the value of this variety as a cut flower. General quality is adequate to insure a share of winnings on the show tables. Named in honor of the late Mrs. Maude Crawford, who, for many years had been the "spark plug" of the Wellsville, O., Dahlia Society. Size 5x3.

Root \$5.00, Pot Root \$3.50, Plant \$2.00

MAUREEN CONNOLLY B-FD-Y (Comstock). A well formed flower of sulphur yellow. Petals roll back to the stem forming ball-shape blooms, which are held side facing on good stems. Size 6x3.

Root \$10.00, Pot Root \$6.75, Plant \$3.50

MICHIGAN WHITE B-SC-W (Keiser) One of the very best of the white cut-flower dahlias. The well formed flowers seem to "pop" out over night on long, strong stems. Substance of the flower is excellent, the flower keeping well when cut. Size 6x3.

Root \$1.00

MISS PHYLLIS VOHLAND A-SC-Or (Clarksburg) A nicely formed semi cactus, which is particularly outstanding for its brilliant and attractive color of tangerine orange. Good stems hold flowers facing the side. Size 10x5.

Pot Root \$3.50, Plant \$2.50

MISS SAN DIEGO B-IC-Lt Bl (Comstock) One of the finest and most distinctive of the 1946 introductions. The nicely placed petals are deeply notched giving added character to the blooms. The pleasing color combination of Tyrian pink shading lighter and into sulphur yellow at the base of the petals made it an immediate favorite. Size 8x4.

Root \$1.00

Collections

(Collections are strictly our selection)

- COLLECTION A:** Eight roots of poms; and/or, miniatures.....**\$3.00**
- COLLECTION B:** Six roots of large, and/or, cutflower size; value \$7.50..... **5.00**
- COLLECTION E:** Eight plants of large, and/or, cutflower types; value \$8.00.... **6.00**
- COLLECTION H:** Twelve plants of small types (poms and miniatures); value \$7.50 **5.00**
- COLLECTION I:** A collection made up to buyer specification as to amount (ten dollars and up) and as to number and type of varieties; selection of varieties to be strictly ours. Over-value of not less than 30% guaranteed.



MISS ECHO

MISS ECHO B-IC-Y (DeRooy-Rocky River).
A well formed yellow cactus with excellent substance. Well proportioned stems carry the blooms above the foliage of strong growing plants. Size 8x4.

Plant \$3.50

***MME ELIZABETH SAWYER B-StC-Pk A**
Holland variety of rose pink. The nicely formed flowers, on long slender stems, are a strong factor on the exhibition tables. Size 8x3½.

Root \$1.00

***MME C. JUSSIANT B-IC-L A** French variety of good size for it's type and one which is much in demand by exhibitors as it is one of the few good lavender cactus. Size 7x4.

Root \$1.00



***MOTHER BALLEGO B-StC-R** One of the best recent introductions from Holland. Bright scarlet blooms with tightly rolled tips that twist sidwise, giving the flower a distinctive appearance. Good stems and substance.

Plant \$1.00



MRS. E. J.

MRS. E. J. B-StC-Lt Bl (Rocky River) A bright rose pink cactus with white centers, and lightly tipped white; the white softening the general effect. Winner of the Derrill W. Hart Medal as a seedling with the highest average score of any of the many Certificate of Merit varieties we have introduced. Early and prolific, and with extremely good substance, it has proven its worth as a leading cut flower sort, as well as for exhibition. Size 7x4.

Root \$1.00





MRS. HESTER A. PAPE

MRS. HESTER A. PAPE A-ID-Dr R (Pape-Rocky River) Another of our introductions that scored heavily in many shows thruout the country. The color is one which is usually referred to as red, actually a reddish purple. It is a dahlia anyone can grow and grow well, and it is a dahlia which will stand "forcing." A real delight to the exhibitor. Size 10x5.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

MRS. HOWARD C. PHILLIPS A-ID-W (Asther) Fairly large flowers of delicate creamy white, nicely formed on good stems. Blooms very early and freely. A robust grower with glossy green foliage. Size 10x5.

Pot Root \$1.50, Plant \$1.00

MRS. MINNIE RING B-IC-Lt Bl (Far West) Long, narrow petals twist and curl to form a chrysanthemum-shaped flower. The outer petals are apple-blossom pink; inner petals a pale yellow. Size 7x4.

Root \$1.50

***MRS. R. L. ROWARTH A-ID-Y** A large Australian, yellow informal, on long stems. A strong grower. Size 10x5.

Plant \$1.50

***MURIEL STUART A-ID-Or** From Australia, this big, deep variety is very much in line with American standards. The color is a tanish orange. Size 11x6.

Pot Root \$1.50, Plant \$1.00



NAY AUG

NAY AUG B-SC-Pk (Webb-Lewis-Rocky River) This is a variety that will win many awards at shows as it produces nearly all exhibition quality flowers. A semi cactus of shades of rose blended with chrome yellow; general effect pink. Very good substance. Stems are well proportioned and rigid, holding the blooms well above the foliage at a forty-five degree angle. As a "B" size pink, it will have very little competition at shows. Size 8x5.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

NICKY K. B-SC-R (Lakeside) A very outstanding, medium sized, scarlet red. Very good, strong stems, carry the flower facing side. A good grower producing an abundance of blooms. Size 8x4.

Root \$1.00

OAKLEIGH CHAMPION A-IC-Au (Phillips-Oakleigh) This large cactus has made a very good record on the show tables. Flowers are well formed and of good substance. The color is a blend of burnt orange and soft pink with lemon suffusions at the base. Petals are lacinated and twisted. A good grower. Size 9x4.

Root \$1.50

OGDEN REID A-ID-Pk (Kelly-Parrella) General color effect is "ashes of roses." Very large in diameter. Stems long and slender. Plants very vigorous and branching. Profuse bloomer. Size 10x4½.

Root \$1.00

OHIO BEAUTIFUL B-StC-R (Parenica) One of the very finest of the dark "reds" of its type. Medium sized flowers on excellent stems. Its fine form makes it popular with the exhibition grower. Size 7x4.

Pot Root \$1.50

OLD PAT B-C-LtB (Rosemary) Medium sized flowers held side facing on good stems. Rose pink, shading to gold at the centers. Size 7x3½.

Root \$1.00

100% A-ID-L (Beaver) Mauve pink flower of large size. Petals are broad and long. Good stems. Plants are vigorous with heavy dark green foliage. Size 10x4½.

Root \$1.50

ORANGE SPECIAL B-FD-Au (Forest View). Well formed blooms of dark autumn with Jasper red at the centers, giving an over-all effect of orange. The medium size blooms are borne in profusion on robust plants. Good stems hold the flowers above the foliage. Size 8x4.

Root \$10.00, Pot Root \$6.75, Plant \$3.50

***ORFEO B-IC-Pr** One of the best in the purple cactus classes. Medium size flowers, well formed, good stems, and good substance. Size 7x3½.

Root \$1.50, Pot Root \$1.00

PAINT BRUSH B-FD-Lt Bl (Rocky River) An extremely heavy petalled formal, of striking color; centers sulphur yellow with outer half of petals heavily blushed cherry red. Primarily a garden sort. Size 7x3.

Root \$2.00, Plant \$1.00



PAT ANN DEE

PAT ANN DEE B-FD-W or white ball (Pape-Rocky River). One of the whitest dahlias in our list. Petals have exceptionally heavy substance. Nicely formed blooms are held facing side on good stems. Plants are vigorous, with leathery, dark green foliage. Size 5x3.

Pot Root \$2.25, Plant \$1.00

PATRICIA A-ID-Pk (Huey-Robens) An outstanding exhibition dahlia of light rose pink. Plants are husky and spreading, producing many blooms for a dahlia of this size. Size 11x6.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

PATRICIA SPOLLEN A-IC-Or (Pennypack) The general tone of this nine inch cactus is persimmon orange. A good, all around dahlia which has continued its excellent winning record as a seedling. A reliable performer in the garden, early and profuse, with nearly all blooms of exhibition quality. Size 9x4½.

Root \$5.00, Pot Root \$3.50, Plant \$2.00



PEGGY J.

PEGGY J. B-StC-Lt Bl (Beals-Boyle-Rocky River) Delicate coloring and artistic formation make this one an instant hit with all who see it. A medium size flower with tightly rolled petals which are laciniated at the tips. Centers of the flowers are white the outer third delicately suffused lilac to light lavender. Size 7x3 1/2.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

***PINK GIANT** A-ID-Pk Large flowers of bright, clear, rose-pink. A great favorite with garden visitors and a fine show flower. It is a border-line variety as to type; being a true semi-cactus under some conditions when fully mature. Size 9x5.

Root \$1.50

PINK MUM B-IC-Pk (Grohall-Northbrook) A bright pink cactus with the shaggy appearance of a chrysanthemum as the petals curl and twist. Long stems and good keeping qualities make this a good cut flower as well as one for exhibition. Size 8x4 1/2.

Pot Root \$1.50, Plant \$1.00



PIRATE TREASURE

PIRATE TREASURE A-ID-Au (Marsh-Rocky River) A big, massive informal of rich autumn shades, sometimes quite heavily suffused red. Stems are long, extremely rigid, holding the flowers well above the plants. A good grower, producing blooms early. Size 10 1/2 x 7.

PIRATE TREASURE established a new record in winning ten American Home Achievement Medals at 1950 shows, as follows: Madison, Milwaukee, Midwest (Minneapolis), Central States (Chicago), Southtown (Chicago), Moline, East Lansing, Southern States (Birmingham), Atlanta, and St. Louis. Received numerous Seedling Sweepstakes awards, and several "best in show". Listed on all four FLOWER GROWER Honor Rolls, and on Mr. Webb's Eastern Dahlia Review in THE DAHLIA.

Pot Root \$3.50, Plant \$2.00

***POP HARRIS** A-FD-R An Australian of bright red and excellent form, large size and good growth. Stems are good, holding the flower facing the side. Size 9x4 1/2.

Pot Root \$1.50, Plant \$1.00

POWDER PUFF A-ID-L (Barwal) A lilac to lavender sport of Sherwood's Peach with the same extreme size of the parent. Formation of blooms and plant growth are also identical to that of the parent. Size 12x6 $\frac{1}{2}$.

Root \$2.00, Pot Root \$1.50, Plant \$1.00



PRAIRIE FIRE



PRAIRIE FIRE A-SC-Or (Marsh-Rocky River)

It is seldom that a variety comes along which is a "natural", but we feel this is such a variety. This big orange semi cactus, growing up to twelve inches, and over, has color, size and depth. Strong stems hold blooms side facing to forty-five degree angle. Plants are very robust. Size 11x6.

Root \$7.50, Pot Root \$5.00, Plant \$2.50



PRAIRIE SUN

PRAIRIE SUN A-FD-Y (Marsh-Rocky River)

1949. A yellow formal of excellent form and substance. It is a tall grower, and an early bloomer, producing an abundance of exhibition quality blooms. Stems are more than average in length, holding the flowers well above the plants. It is hard to beat in its class, and a marvelous sight in the garden. Size 9x4.

Pot Root \$2.25, Plant \$1.50

PREMIER'S WINSOME A-ID-Pk (Swezey)

An early, free bloomer bearing lots of large flowers of an attractive satiny, light pink. No trace of mauve so common in "pink" dahlias. Plants are nice growers and fairly tall. A real delight in the garden and one which is winning its share of ribbons on the show tables. Size 10x5.

Root \$1.50, Pot Root \$1.00

***PRES. JEAN LABORDE A-ID-L** A large, pleasing, lavender informal decorative, with broad petals which roll back evenly to form well-rounded blooms. A good exhibition sort. Plants are fast growing, of the type known as "open growers", and are tall. Stems are long and rigid. An early bloomer and a good root-maker. Size 10x5.

Root \$5.00, Plant \$2.00



PRETTY LADY



PRETTY LADY A-ID-L (Pape-Rocky River) A well formed, "heavy" flower of clear lavender, with darker suffusions at outer tips of petals. Numerous, closely set petals, roll well back to the stem, forming a ball-shaped flower. Centers are high, and full, giving an impression of possible green centers as the flower opens. A medium size lavender informal will meet little on the show table. Plants are tall, and strong growers. Size 8x5.

Pot Root \$2.25, Plant \$1.50



***PRIDE OF HOLLAND A-StC-Pk** This fine variety from Holland is one of the best straight cactus pinks. The color is a medium shade of pure pink. The well rolled petals show no inclination to incurve, and they are quite numerous, giving the bloom excellent depth. An open grower and a good producer. Size 8x4.

Plant \$1.50

PRIDE OF PARKERSBURG A-SC-Y (Smith) A deep primrose yellow, semi cactus. Good form and stems. Winner of Achievement Medals in Cleveland and East Liverpool in 1947. On FLOWER GROWER'S Honor Roll in 1949, the year before being introduced. A good one that many overlooked. Size 10x6.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

PRINCESS DIANNE A-ID-R (Comstock) A fairly large informal decorative; turkey red with darker oxblood red at center. Lacinated petals twist in all directions. Size 8½x4.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

***PUNCTUEEL B-SC-Y** Well formed, medium sized flowers on ideal stems. One of our best yellows for the cut flower trade, as it does not bruise readily. Clear, clean yellow. Size 7x4.

Root \$1.00

***PURITY B-SC-W.** A small white semi cactus with the attributes of a good cut flower as well as one well suited for exhibition. Flowers have a pleasing formation, have good substance and are held facing side on nicely proportioned stems. Size 5x2½.

Plant \$1.00



PURPLE VELVET



RED GLAMOUR

petals add character to this profusely blooming variety. A very good grower, and it starts blooming early. Strong stems hold the flowers facing side, or at a forty-five degree angle. It will win at the shows, but it is really tops as a garden variety.

PURPLE MIST A-FD-Pr (Emmons) A large, well formed purple which starts blooming early and freely. A good exhibition variety. Size 9x4.

Root \$1.50

PURPLE VELVET B-FD-Pr (Baker-Rocky River) A purple sport of Deep Velvet with the same heavy textured petals and velvety sheen. It has the same wide spread growing habits of the parent, and with the same very dark green foliage. Very useful for the exhibitor who is out to win blue ribbons, as there is not too much competition in its class. Size 8x4.

Root \$1.50, Pot Root \$1.00

***PYGMALION R-InC-Au** A Holland dahlia of real worth. Blooms are large. The color is an attractive orange-tan with peach-red suffusion toward centers. Plants are rugged and spreading. Size 9x4.

Root \$1.50, Pot Root \$1.00

***QUINN'S TIDAL WAVE A-FD-Y** A very large, broad petalled flower of regular formation. Stems are excellent, growth very good, and it blooms well for so large a flower. An Australian introduction which made an instant hit in this country. Size 11x5.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

RED CHAMPION A-ID-R (Robens) Here is one of the largest of the formal decorative. The color is spectrum red, blended buff with the base of the petals picric yellow. The general color effect is flame. Stems are strong holding the flower facing up. Easy to grow. Size 11x6.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

RED GLAMOUR A-ID-R (Wolbert-Rocky River) Big and bright, this introduction always attracts a lot of attention in the garden. The color is a medium shade of red with no other tints. Flowers have great depth giving the blooms a massive appearance. Like so many of the large ones, the stems sometimes seem short in proportion to the flowers. It is a dahlia that "likes" a little forcing. Size 11x6 1/2.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

REMEMBRANCE A-SC-W (Morgan) An unusual, shaggy, white semi cactus of large size. Some blooms lightly tinted lavender at the centers. Deeply cleft

Root \$2.00, Pot Root \$1.50, Plant \$1.00



RED TORNADO

RED TORNADO B-IC-R (Eccleston-Rocky River) The color is a dark reddish purple with a lighter purple on the reverse. Petals curl and twist to form a chrysanthemum-shaped flower of rare beauty. Flowers up to ten inches with proportionate depth. Plants are tall growers with attractive fern-like foliage. Best if not over fed. Size 8x4.

Root \$2.00, Plant \$1.00

REFUGEE B-StC-Y (Kock) A real addition to the yellow cactus class. The color is bright and lively. Stems are long and strong. Plants are open growers with glossy foliage. A free bloomer and a good cut flower. Size 7x4.

Root \$1.50

***REV. PUGH** A-FD-R An Australian variety of very striking color. The flowers are a brilliant, orange-red, and of large size. Blooms are carried on top of very strong stems. Plants are exceedingly vigorous with dark green foliage. Size 9x4.

Root \$1.50

RHYTHM A-IC-Lt Bl (Dozier-Dahliadel) A medium sized variety of fine form and delicate coloring. The color is an unusual cameo pink suffused soft rose. Petals are serrated giving the flower added character. A good producer. Very useful as a cut flower and a consistent winner on the show table. Size 8x4.

Root \$1.00



RONKY

RONKY R-StC-Y (Knocke-Rocky River) One of the largest yellow cactus varieties we know of; producing blooms up to thirteen inches in diameter. Nicely proportioned stems have a tendency to tilt the blooms slightly downward by crooking back of the flower. Plants are good growers producing a great many flowers over a long season. Size 11x5.

Plant \$1.50

RONNIE LEE A-SC-Au (Dorff) Large blooms of scarlet-red and salmon-orange; general effect is orange. One of the best exhibition varieties introduced in 1945. An early bloomer. Size 10x6.

Root \$1.50

***ROSE FLETCHER** (B-SC-Pk) A dainty, soft pink semi cactus of excellent form and substance. It is an early and free bloomer. The small flowers are ideal for arrangements and cutflower work as well as for exhibition. Size 5x2½.

Pot Root \$1.50, Plant \$1.00

ROSELYN STRAIGHT A-SC-Au (Straight-Wells-Ruschmohr) General appearance is apricot yellow shaded and streaked scarlet red; very tips of petals are lemon yellow. Fairly large blooms. Long graceful stems hold the flowers well above the plants. Very early and prolific. Size 9x4.

Root \$1.00

RUDOLPH MOTZNIK A-ID-L (Retzer) A large lavender-pink with good substance, something unusual in this color. Stems are eight to ten inches long and very strong, holding the flowers at a forty-five degree angle. Size 11x5.

Pot Root \$1.50, Plant \$1.00

RUTH ALAMPI A-SC-L (Lloyd-Ruschmohr) A fairly large semi cactus of deep lavender. Good foliage and stems. Most blooms face at forty-five degree angle. Petals are broad at the base and roll to tight points at the tip. Substance is good. Size 10x5.

Plant \$3.50

SALLY KLEIN A-FD-Pk (Kelly-Parrella) General effect pink; described as Tyrian pink and pinard yellow with both colors showing in lines on the broad flat petals. Flowers have fine stems and good substance. A good variety for exhibition as it is a good producer of quality blooms. Size 9x4.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

SAM HERST B-StC-Y (Pennypack) A fine-petaled cactus of light primrose yellow. Petals are deeply lacinated giving the appearance of more petals than there actually are. Strong stems are nicely proportioned. Size 8x4.

Root \$10.00, Pot Root \$6.75, Plant \$3.50

SANTA CLAUS B-ID-Bi (Hendricks) A bi-color of scarlet tipped white and with the scarlet overlaid buff-yellow. Petals pointed and whirling like a pinwheel. A truly beautiful flower. Size 7x3.

Root \$1.50

SARAH CAROLYN A-FD-L (Whittaker-Ruschmohr) Strong cane-like stems hold the bold flowers facing the side above a robust plant with tough, dark foliage. Size 9x4.

Root \$10.00, Pot Root \$6.75, Plant \$3.50

WOOD LABELS

We carry a supply of good labels, manufactured from selected Soft White Pine, at the following net prices; post paid.

Copper wired, painted tree label, 3½x5⅞ at 75 cents per hundred, or \$6.50 per carton of 1000.

Painted pot label, pointed at one end, 4x5⅞, at 60 cents per hundred, or \$5.00 per carton of 1000.



SELLWOOD GLORY

SELLWOOD GLORY B-FD-Dk Bl (Beyerle-Rocky River) Here is one that is distinctive. Seven to eight inch blooms of mahogany overlaid purple, suffusing to distinct white edging of each petal. It is not a bi-color. Coloration of the flower is very uniform; not a single solid colored flower in more than a hundred hills grown here. A formal decorative, with good keeping qualities, no open centers, and good cutting stems. Very popular with our florists as it lends itself well to unusual effects in florist work. Even the foliage is attractive. Size 7x3.

Pot Root \$2.25, Plant \$1.50

SHERWOOD'S PEACH A-ID-Au (Sherwood-Ruschmohr) This was the largest of the 1944 introductions in our plantings. Blooms have great depth and are carried facing side on cane-like stems. Plant growth is robust. Not an early bloomer but it is at its best for shows. Color is ochreous buff. Size 12x6.

Root \$1.00

***SHIRLEY WRIGHT A-ID-R** A very large rose-red with a bluish cast, bordering on the formal type, altho classed informal. Good stems, and good growing habits. Size 10x6.

Plant \$1.00

SILVER TIPS A-SC-R (Bennett & Beckmann) Light rose-red with lacinated petals, lightly tipped silver. Silver reverse shows as the petals twist. Flowers have exceptional depth, and it is one of the first in the garden to bloom. Size 9x6.

Root \$1.50

SILVER WEDDING A-IC-LtBl (Ernst-Hulin) A large, broad petaled, white incurved cactus, with petals inclined to twist and curl in a singular manner. A touch of lavender at the centers and outer tips of the flower lend character. Stems are long and strong. A good bloomer. Size 9x4 1/2.

Plant \$2.50

SKYROCKET A-StC-R (Sarett-Ruschmohr) A clear vermillion red of very neat appearance. Petals are rather wide and at times may be classed semi cactus. Stems are extra long and stiff, holding the blooms well above the plants. Size 9x4.

Root \$1.00

***SNOWBALL B-StC-W** One of the finest white cactus sorts for exhibition. Blooms are quite large and deep. Stems are very good and the plants are good growers. Size 8x4.

Pot Root \$1.50, Plant \$1.00

BEFORE ORDERING

Be sure to read pages two and three. Every year some lose out on replacements because they failed to follow directions.



SON OF SATAN



SOUTHERN BELLE

SON OF SATAN A-IC-R (Slocum) One of the largest and brightest of its type, intense flame red on excellent stems. Blooms up to twelve inches in diameter. Tall, open bush growth. A sensation in any garden and a winner in any show. Size 10x5.

Root \$1.50

SOUTHERN BELLE B-FD-Lt Bl (LaMotte-Rocky River) A most distinctive novelty; white at the centers with the outer one-half to one-third deeply suffused rose-red. Experts do not agree on type, which has some characteristics of formal, informal, and semi cactus. Petals are arranged as in a formal, but are deeply cleft, giving the appearance of a semi cactus. Many have called it the most beautiful flower in our fields. Plants are strong, open growers. Stems are long and slender, and nodes are widely spaced. As a cut flower, it has been an instant success among Cleveland florists. Size 6x3.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

SOUTHERN ROSE A-ID-Pk (Dozier) One of the best and most attractive of the 1945 introductions. Flowers are large and of brilliant rose pink. Stems are excellent. A good bloomer. Size 10x5.

Root \$1.50

STARDUST A-FD-Pk (Comstock) A good, clean pink, growing up to ten inches in diameter. Very fine stems hold the flowers facing the side. This is one that will be a factor on the show tables for some years to come because of its exhibition perfection. Size 8x5.

Pot Root \$2.25, Plant \$1.50

STELLAETTE A-FD-Dk R (Delbrugge) A tall, rugged plant, producing velvety, deep red flowers of large size. Cane-like stems carry the blooms erect at all times. Size 9 1/2 x 4.

Root \$1.50

STEPHEN FOSTER A-IC-Au (Salem) This is one for the large cactus classes. Flowers are consistently ten to twelve inches in diameter. Plants are tall and very hardy; growing well under all conditions. Because of its all-around good habits and uniformly high quality, it is one of the few "first year" dahlias that we have recommended. The color of the flower is orange-buff, lightly suffused with Tyrian rose on both the face and back of petals. Size 10x5.

Root \$1.50

STOP LIGHT B-SC-Dr R (Lloyd-Ruschmohr) A very sound and reliable variety. The color is carmine red, blooms uniform, and the stems are long holding flowers facing the side. An easy to grow variety. Size 7½x4.

Root \$1.50, Pot Root \$1.00



STORM CLOUD



STORM CLOUD A-SC-DkR (Baker-Rocky River) A naturally large variety which has been grown fourteen inches in diameter. Field grown blooms sometimes attain a twelve inch diameter. The color is a dark red with occasional traces of purple. The plants are tall and wide-spreading, producing big buds that are a joy to watch opening. Size 11x5½.

Root \$10.00, Pot Root \$6.75, Plant \$3.50



***ST. THERESE B-StC-Lt Bl** Dainty in formation and coloring. The tightly rolled petals give the flower an "airy" appearance and the delicate coloring of light lilac pink with white centers adds up to real beauty in the pastel shades. Size 6x3.

Pot Root \$1.50, Plant \$1.00

SUNBURST A-ID-Y (Smith) A massive flower of deep golden yellow. A really worthwhile addition to our list. Plants are strong growers. Stems are strong. Flowers are carried well above the foliage. Size 10x7.

Pot Root \$1.50, Plant \$1.00

SUPREME COMMAND A-FD-R (Boram-Parrella) Bright scarlet-red with a bronze sheen. Good grower with heavy foliage. Size 9x6.

Root \$1.50

TAFFETA B-StC-Or (Garfield) Especially fine as a cut-flower. Bright and attractive orange color. Early and profuse bloomer on long stems. Plants are tall with slender laterals, permitting cutting for large baskets and displays. Size 5x2½.

Root \$5.00, Pot Root \$3.50, Plant \$2.00

TALL AND HANDSOME B-FD-Pr (Emmons) Well named as it is very tall, and attractive. The color is a glistening reddish purple. Full, high centers with closely spaced petals, and good substance enhances it's value as an exhibition variety. Size 7x3½.

Root \$5.00, Pot Root \$3.50, Plant \$2.00

THE CARDINAL A-SC-R (Baker-Ruschmohr) A nicely formed semi cactus of bright cardinal red. Plants are tall, strong growers with blooms standing well out of the foliage on perfect stems. Winner of the Derrill W. Hart Medal in its pre-introduction year as the large dahlia with the highest average score at three Trial Grounds. Size 9x5.

Root \$1.50, Pot Root \$1.00

THE RANGER B-IC-Lt Bl (Salem) The color is true purple with white veins running the length of the petals; reverse is pure white, which shows on the face as the bloom matures and the petals roll and incurve. A dahlia for beauty as well as exhibition. Blooms are medium in size. Bushes tall. Size 8x4.

Pot Root \$1.50, Plant \$1.00

THE REAL GLORY A-FD-W (Goodacre) A pure waxy white of good size, notable for its exceptional substance and good keeping qualities. The flowers are well formed and are carried nicely on perfect stems. It is a real competitor in the white formal classes. Strong grower. Size 9x4.

Root \$1.50, Pot Root \$1.00

THE VOLUNTEER A-ID-Pr (Whittaker-Ruschmohr) A fairly large informal decorative; peony purple flushed pansy purple, and with lighter edges. The general effect is dark red. An all around rugged variety, which won two American Home Achievement Medals in 1949, and the Derrill W. Hart Medal for large varieties in 1950.

Pot Root \$1.50, Plant \$1.00

TIARA A-FD-Bi (Brown) Off to a good start following introduction, this unusual bi-color should add variety to its class for some years to come. Well formed flowers carried side facing on fine stems. The color is a tannish peach, with each petal tipped white.

Plant \$1.50

TIDAL WAVE (see Quinn's Tidal Wave, page 49)

TOP FLIGHT A-SC-R (Dozier) A fairly large bloom of very "neat and trim" appearance. The color is bright blood red, which does not fade even in the hottest weather. Stems are long, holding the flower facing slightly up. Size 9x4.

Root \$1.50



TWO IN ONE

TOPS A-SC-Y (Dozier) A real giant of the exhibition tables. The massive blooms are a clear yellow of one shade. Stems are good. Has won many awards as the largest bloom in the show. A well "finished" bloom has a decided tendency to be semi-cactus. Size 10x6.

Root \$2.00, Pot Root \$1.50, Plant \$1.00

TWO IN ONE B-SC-Dk R (Wolfe-Rocky River) Ox-blood red with outstanding cut flower qualities. One of the first to bloom in the fields and very prolific. Petals have good substance. Occasional blooms are bicolors being tipped white. A fast grower with dark foliage and nodes well spaced. Size 6x4.

Root \$1.00

VALLEY QUEEN A-IC-DkBl (Robens) A 1948 introduction of an unusual color combination of red, shades of brown, mahogany and tan, giving it a sort of "smoky" appearance. Blooms are large and of good quality. It will win consistently in it's class at shows. A good grower and good bloomer. Size 10x5.

Root \$1.00

NOTICE PLEASE

On orders of less than \$5.00, add fifty cents for packing and postage. This is in addition to special delivery, or special handling fees. Safe arrival of plants will not be guaranteed unless special delivery, or special handling fees are included in remittance. See page 2.



VAL'S DELIGHT

VAL'S DELIGHT A-SC-Dk R (Veirs-Rocky River) A dark red semi cactus, with light purple shades on the reverse. The reverse color shows at the centers and tints the outer petals. Flowers face the side on good stems. Very early. As an undisminated variety, it was a high scorer at American Dahlia Society Trial Grounds. Size 9½x5.

Root \$3.00, Pot Root \$2.25, Plant \$1.50

***VAL'S ST. LAMBERT B-St-LtBl** A strikingly beautiful variety of very light pink with deeper rose-pink suffusions at the tips. The tightly rolled petals are slightly laciniated. Long stems hold flowers side facing. Early and free bloomer. Size 7x4.

Pot Root \$2.25, Plant \$1.50



VAL'S YELLOW

VAL'S YELLOW A-SC-Y (Veirs-Rocky River) A large yellow semi cactus that was one of the late Val Veirs' favorite seedlings. Tall, free branching plants produce many ten to twelve inch blooms without forcing. One of the easiest to grow large yellows we have had, but one which we do not recommend be fed heavily. Size 10x5.

Root \$1.50

VICTORY A-FD-Pk (Asther) Here is a large dahlia with good depth that is very formidable in the formal pink class, as well as being a very pleasing variety in the garden. The color is rose-pink with a golden suffusion. Tall plants producing many fine blooms. Size 8x4.

Root \$1.00

VICTORY ECLIPSE A-ID-Pk (Wolfe) One of the better 1948 introductions. The color is shrimp pink turning to peach pink as the bloom develops; the base of the petals and the reverse are canary yellow. A beautiful velvety sheen overlays the flower giving it an artificial appearance. Petals roll back to the stem. A clean grower and consistent in the production of quality blooms. Size 9x6.

Root \$1.50, Pot Root \$1.00



VIRGINIA B. TAGGERT

VIRGINIA B. TAGGERT A-FD-Pk (Pape-Rocky River) We believe that this big, pink formal is another sure-fire winner by the originator of "Mrs. Hester A. Pape". Blooms are normally about eleven inches in diameter by five and a half inches in depth. Stems are strong and erect, twelve to fourteen inches in length, holding flower at a forty-five degree angle. Blooms have good substance, holding the form well. Ideal type plants with heavy foliage and well spaced nodes. Size 11x5 1/2.

Root \$3.00, Pot Root \$2.25

VIRGINIA RUTE A-SC-Dk R (Siebrecht) One of the outstanding dahlias in our list. Flowers are very large, deep, velvety, dark red of neat formation. Petals are broad and rolled to a point at the tips. Plants are tall, with blooms held high above the foliage on excellent stems. Early bloomer. Also a good root-maker. Size 11x6.

Root \$1.00



VISION

VISION A-SC-W (Brown-Rocky River) A fine white semi cactus with good substance. Petals remain rigid even in wet weather giving the flowers a conformity suited for exhibition. The long stems are best if the plants have not been forced too much. Blooms are nearly all facing the side. Plants are above average in height. Size 9x5.

Root \$10.00, Pot Root \$6.75, Plant \$3.50

WANDA MEADE B-ID-Bi (Parrella) Scarlet red tipped white with crinkled petals. Medium sized flowers which keep well. Very showy in the garden or display. Size 6x3.

Root \$1.00

***WEISSER HIRSCH** B-StC-W A very fine white cactus, with just a trace of lavender. Each petal is deeply cleft, giving the flower an appearance of great "fullness." Size 7x3 1/2.

Root \$1.50

DAHLIA BLUE BOOK

The DAHLIA BLUE BOOK is sent free of charge to those who request it, but we do not continue to send it indefinitely unless we have evidence that those receiving it are actually interested. The best way to show your interest is by your patronage.



WHITE FANTASY

WHITE BEAUTY A-FD-W (Robens) Probably the largest of the white formals. Tall growing plants blooming at mid-season. Stems and quality of the flower suit it for exhibition. Size 11x5.

Plant \$1.50

WHITE FANTASY B-FD-W (Haugh-Rocky River) A heavy petaled, pure white, eight to ten inches in diameter and of great depth. Cane-like stems hold most blooms side facing, although the one in the accompanying illustration is a top facing bloom, selected to show extreme depth of the flower. Plants are clean, fast growers, producing flowers very early and abundantly throughout the season. Size 8x5.

Root \$1.50, Pot Root \$1.00



WIN DEE

WHITE WINNER B-ID-W (Wolfe) A long stemmed, full centered flower, with unusually heavy petal texture. Vigorous plants are covered with flowers from early season until frost, producing well in the hottest weather. Size 7x3.

Root \$1.00

WIN DEE A-IC-Au (Rocky River) One of our own originations which we consider on a par with the best of our previous originations such as WINDLASSIE, MRS. E. J., and JANE LAUSCHE. Nine to ten inch blooms of a lively color, bordering on orange. This variety has exceptionally good substance, the stiff petals standing erect in all kinds of weather. Strong, black stems hold blooms well above tall, open growing plants. Centers remain full even on blooms that have dried up on the plant. Size 9x4 1/2.

Root \$7.50, Pot Root \$5.00, Plant \$2.50

DAHLIA SOCIETY OF OHIO

The twenty fifth annual show of the Dahlia Society of Ohio will be held Sept. 19th and 20th, a Monday and Tuesday. The show will be in the newly, and beautifully decorated Higbee Auditorium in downtown Cleveland. The show will be open to the public from noon on Monday until 9:00 P.M., and from 10:00 A.M. until 5:00 P.M. on Tuesday.



WINDLASSIE

WINDLASSIE B-ID-W (Rocky River) One of the whitest, white dahlias we know. Petals are overlaid with a glistening sheen. When fully developed, this is one of the most ball-shaped flowers in this list. Classed as a "B" flower it is almost alone in the white informal class. Grown to its maximum of nine and a half to ten inches it has beaten the largest white informals now being shown. Flowers cut when they are apparently "prime" continue to grow in water and the back petals close in tightly around the stem. In spite of its ball-shape it does not bruise easily when packed to take to show. An excellent variety that has an outstanding record of "best bloom" at shows. It is an open grower. Size 8x5.

Root \$3.00, Plant \$1.50

WINONA A-SC-Lt BI (Kilgore-Ruschmohr) Informal decorative to semi cactus. Light blend of pink and Naples yellow. Cane-like stems with the flowers facing the side. Size 7 1/2 x 3.

Pot Root \$1.50

WOLFE'S GOLD A-SC-Y (Wolfe) A broad petaled flower of deep yellow. Plants are tall and vigorous with dark, glossy green foliage. Size 9 1/2 x 5.

Root \$2.00, Pot Root \$1.50, Plant \$1.00



YELLOW DAINTY

WOODLAND PEACH B-SC-LtBI (Wood)

A medium size semi cactus of excellent substance. The color is a delicate blend of coral pink and empire yellow. Blooms face the side or at forty-five degree angle on eight to ten inch stems. Size 7x4.

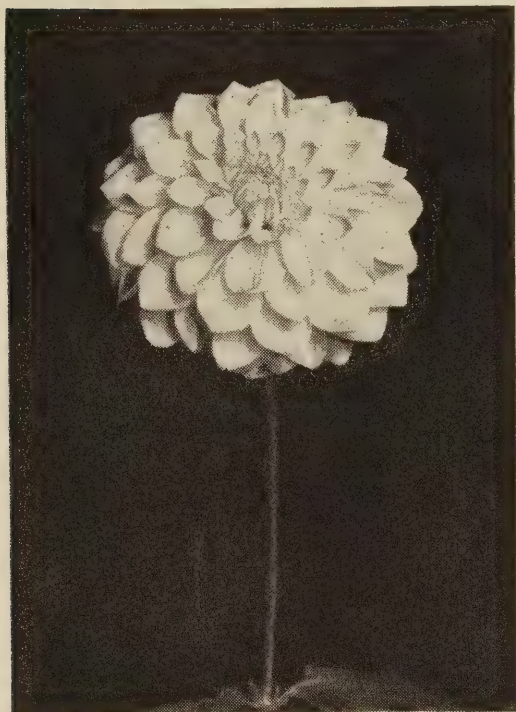
Root \$3.00, Pot Root \$2.25, Plant \$1.50

YELLOW DAINTY B-IC-Y (Haugh-Rocky River) A yellow incurved cactus, which has good substance. Stems are good, altho not generally as long as shown in the illustration. Plants are strong growers with foliage which is typical of this type. Profuse bloomer from mid-season until frost. The yellow cactus classes at the shows have been lacking in quality, and variety. We believe this will be a welcomed addition. Size 7 1/2 x 4.

Pot Root \$2.25, Plant \$1.50

***YOWU MATSUOKA A-IC-Dk R** A large ox-blood red of good form which, although we class it as semi-cactus, is often a true cactus. In either class it is usually a contender on the exhibition tables. Size 9x4.

Root \$1.50



ZERO

***ZENITH B-StC-Pr** An exhibition variety of merit. Nicely formed flowers with good substance. Flowers face side on good stems. Deep reddish purple, shading lighter toward the tips of petals. Size 6x3.

Pot Root \$1.50, Plant \$1.00

ZERO (Rocky River) Most standard white formals of B size have short stems. Here is one that has a long stem. The white is lightly flushed lavender at centers and sometimes near tip of petals. Well formed, and good substance, but some early blooms are inclined to "long" centers, a trait that disappears as production increases. A midseason variety that holds up well in late season when most other varieties have open centers. Tall, wide spreading plants, with slender canes, permit cutting with six foot stems. Size 8x3½.

Root \$1.50, Pot Root \$1.00

DAHLIA SEED

Sow dahlia seed during the month of March in flats, or flower pots, with good drainage. Soil should be porous. Place the seeds on top of the soil and then cover the seeds with about half an inch of horticultural grade Vermiculite. Sand is a satisfactory substitute for Vermiculite, but will require more attention to keep it properly moist. Water as often as necessary to maintain moisture at the seed level. The first seedlings will appear in a few days, while others may require a month, or several weeks to come up. High germination is largely dependent upon maintaining a proper supply of moisture over the entire period.

Seedlings may be transplanted to other flats (of soil) or into flower pots after they have been up about a week.

CALIFORNIA GROWN SEED

100 seed from large flowered decorative.....	\$5.00 net
100 seed from medium and large cactus.....	5.00 net
100 seed from medium and large semi cactus....	5.00 net
100 mixed of the above.....	5.00 net
100 poms and/or miniature.....	3.00 net

SEEDLING PLANTS

For those who do not have the facilities for growing the seedling plants (seed sown indoors March 1st to 15th), we are offering seedling plants. These plants are from the same high grade seed offered above. The plants are carefully grown and "hardened off," and are ready for the garden when received. Priced as follows:

\$2.50 net per dozen out of flats (no soil).

Small Flowered Dahlias

The small flowered sorts require less care and attention than the larger types. No disbudding is necessary; the smaller the flower, the better. They require less space than the large types and staking is unnecessary except for the taller growing sorts. All are selected for their free flowering traits. The varieties in the following list average twenty-four to thirty inches in height unless otherwise noted. Ordinary garden soil is preferable to "rich" soil for early and profuse blooming.

All illustrated varieties are Rocky River introductions.

MINIATURES

All dahlias which normally produce flowers that do not exceed four inches in diameter, poms excluded, are known as miniatures. The types in the miniature group are the same as those in the larger types, such as cactus, semi cactus, decoratives, etc. See page 3 for type code.

	Root	Plant
*ANDREA'S ORANGE SC-Or Bright orange. A great favorite.....	.75	
*ANNA MARIE FD-Or Tannish orange. Flat petals.....		.75
*ARABESKA SC-Y One of the best yellow miniatures.....		.75



BO BO

BO BO FD-LtBl Small, yellow
flush-scarlet. Excellent for
exhibition75

BRIGHT IDEA FD-Bi Dark red,
tipped white; sometimes all
red75

CORAL BLEND FD-LtBl Deli-
cate shade of pink and
cream75

*DECOY FD-Fl Brilliant flame.
Good 1.00

*DIANNE StC-Y Nice Yellow
cactus 1.00

*FAVOURITE SC-Au Slightly large, attractively formed flowers with ser-
rated petals. Buff color 1.50 .75

FUCHSIA GEM SC-Pr Small, well formed fuchsia colored exhibition
variety75

GENEVA CRYSTAL WHITE SC-W Well formed white with good substance.
Fairly tall75



HAZEL HARPER

HAZEL HARPER StC-LtBl. An outstanding, all-purpose miniature. Bright, clear pink with white centers 1.00

*HELLY BOUDEWIJN FD-W Pure white. Flat petals.... .75

IKE FD-DrR Somewhat large, tall growing, deep blood red. Tips of petals slightly notched. Very popular.... .50

JUBILANT ID-Or A good, cherry, inclined orange, miniature decorative. Very colorful75

*JUBILANT SC-Pk From Holland. Rosey lilac on fine erect stems..... .75

LILLY BELLE FD-Pk Soft pink with lighter centers. Very useful as a cut-flower75

LITTLE BLUE STAR SC-Bi Purple edged white..... 1.00

LITTLE DIAMOND SC-Pk One of the finest. Bright rose pink. Excellent substance75



LITTLE RACHAEL

LITTLE JERRY FD-Pr Small, full centered, deep purple on long straight stems 2.00 1.00

LITTLE JOY StC Bright rose-pink from England 1.00

LITTLE LINDA StC-W Outstanding white cactus 1.00

LITTLE RACHAEL SC-Pk. Bright rose pink. Tall, strong grower. Profuse. Excellent 3.00 1.50

*LOMBARD'S VIOLET SC-Pr Nicely formed, purple, semi cactus. Long, slender stems. Inclined to be slightly above miniature size75

MARKET JEWEL SC-Dk R Brilliant, velvety red with excellent substance75

MING ID-L A very attractively formed flower with wavy petals. Color is rich lavender75



PRINCESS ROYAL

PRINCESS ROYAL FD-Pr Mallow purple, with darker centers. **.75**

RED FIRE ID-Fl Brilliant flame color. Profuse bloomer. **1.50**



SILVER SPRING

WHITE FAWN FD-W One of the best whites for cutting and exhibition **.50**

ZEST FD-Bi Brilliant cardinal red, with each petal tipped white. One of the most uniformly marked bi-colors we have grown. Fairly tall. .

MISS PLUMB FD-Pr Light purple; small formal **.50**

MONTAFON SC-L Light lavender on good long stems . . **1.00**

***MRS. STONE** SC-Bi Light red tipped ivory **.75**

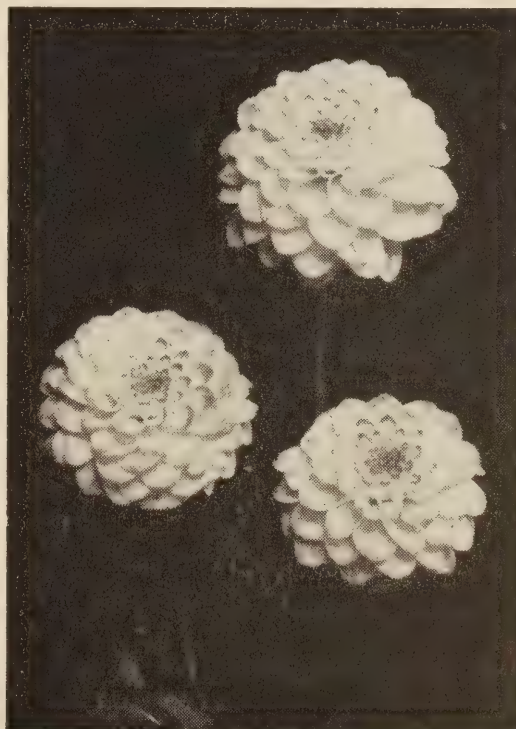
NANCY FD-R Small, formal decorative of brilliant scarlet red **.75**

NORMA JEAN StC-Bi A high quality cactus of geranium pink, flush-yellow. Fine for exhibition **.75**

RUBY CHARM StC-R Brilliant ruby red. Wonderful substance. A sensation. Tall. . **1.00**

SILVER SPRING FD-Pk Small, well formed and very prolific. Delicate pink. **3.00 1.50**

TIMMIE FD-LtBl. Cream blending to rose violet at tips and centers. A real gem. **3.00 1.50**



TIMMIE

.75

POMPONS

Fully double flowers, ball shaped or slightly flattened. Floral rays blunt or round at tips, and quilled, with rather regular arrangement of petals, as in formal decoratives. For exhibition they must be under two inches in diameter.

	Root	Plant
BETTY ANN A reliable, soft pink with a touch of lilac.....	\$.50	
BRASS BUTTON Deep yellow. One of the best.....		.75
BRONZE BEAUTY Autumn shades of bronzy orange. Unsurpassed as a cut flower, but somewhat large for exhibition .....	.50	
CLARISSE Orange. Well formed for exhibition and a popular color for cutflower trade .....		.75
CLOVER A very small exhibition sort. A light blend of white faintly tinted pink, resembling a clover blossom .....	.75	
DONNIE Good orange pom for exhibition		1.00
EILEEN Classed as a bi-color; white edged purple. Good exhibition variety		1.00
GIRSHAM Well formed pink with lighter centers.....	.75	



GOLD DUST

GOLD DUST Tiny autumn of gold hues, sometimes lightly suffused red. Very early. ....	.75	
ILA Very fine red	1.50	.75
LITTLE DAVID Well formed, reddish orange .....	.75	
LITTLE EDITH Small exhibition variety. Golden yellow with deep red at tips.....		.75
LITTLE MARVEL Vivid red, with excellent formation. Fine for exhibition or cutting..	.50	
LITTLE MARY Small dark red Exhibition		1.00

LITTLE ROSE Deep rose pink, exhibition sort .....	.75	
*MIMOSA Yellow. Good substance .....	.75	
MISS MARJORY A tiny, well formed purple; an exceptional exhibition variety .....		.75
MORNING MIST A popular white, generously edged lavender. A bit large, but one of the finest for cutting .....	.50	
MRS. J. TELFER A leader among the whites.....	1.50	.75

	Root	Plant
*REGAL Royal purple.....		.50
ROSEGAY A gay little pom of light rose pink .....		.50
ROSIE A blend of lavender and rose, with lighter centers. Good exhibition variety .....		.75
*RUDD A dark wine red, well suited for cutting.....		.50
SHERRY A deep purple for exhibition and cutting .....	.50	
*WILLO'S VIOLET Well formed violet-purple	1.50	.75
YELLOW GEM An old favorite; light yellow .....	.50	
ZONNEGOOD Small, well formed gold		1.00

OTHER SMALL TYPES

	Root	Plant
BRIGHT FLASH A single dahlia of bright red. Fairly tall grower. Flowers four to six inches in diameter. Hard to beat .....	.50	
*BISHOP OF LLANDAFF A miniature duplex (two or three rows of petals). Brilliant red with sharply contrasting centers of gold. Distinctive, dark bronzy-green foliage, which is popular in arrangements .....	.75	
COINCIDENT Striking collarette. Cherry red edged straw yellow with primrose yellow collar	1.00	.50
PEQUOT YELLOW Large yellow single. One of the best of its type .....	.75	
RED DELIGHT A large collarette, with a single row of red petals, and a row of bright yellow petaloids around the center. Four inch blooms. Very striking .....		.75
SATIN WHITE Large collarette. Satiny white with white collar.....		.75
TANGO CENTURY A four inch single of light autumn shades .....	.50	
VERA HIGGINS An anemone. Low grower, with three inch flowers consisting of a single row of fawn colored petals around a large orange "pin cushion" center. A very distinct novelty.....	.75	

BALLS

Having the same characteristics as poms, except size. Miniature balls are two to four inches in diameter; the true exhibition ball is over four inches in diameter.

CLARA CLEMENS Dark red, tipped white. A bi-color that is really attractive .....	.75	
DUSKY A miniature ball of very dark red, almost black .....	.75	
ELIZABETH H Dark red. Early and profuse. Fine for cutting or exhibition	1.50	.75
ORANGE GLOW Orange edged red. A good ball, and a most striking color .....		.75
PAT ANN DEE White. See page (43).....		2.00
ROSY DAWN Golden yellow lightly edged red. Highly regarded for exhibition and cutting .....	.75	

Cultural Hints

Although dahlias may be grown in almost any ordinary garden soil, to produce a beautiful effect in massed color with but little attention, they respond very readily to a little extra care.

Fine dahlias are the result of a number of factors, most important of which are: (1) good vigorous disease-free stock; (2) choice of varieties which naturally produce high quality blooms; (3) location of the garden; (4) proper planting; (5) cultivation; (6) intelligent fertilization and spraying; (7) pruning and dis-budding; and (8) the successful winter storage of the clumps.

Factors (1) and (2) need no comment other than that varieties which we offer in this catalogue are the result of several years of careful selection from the finest novelties placed on the market from all parts of the world. Each year we try many new sorts, then discard those which have no definite place in the better class gardens, and offer only the best to our customers. Our fields are carefully and frequently inspected. All inferior plants and those showing any symptoms of disease are destroyed. Our cultural methods are productive of the very finest quality roots and plants obtainable.

Selection of the location for the garden is usually quite restricted, but fortunately dahlias will do well in any type of soil and in a wide variety of climate. A good site is one that receives several hours of sunlight each day and has good drainage, so that water does not stand on the ground very long after rains. More important than the type of soil, or the location of the garden, is the condition of the soil at planting time, and during the growing season. We believe that more failures with dahlias are due to the lack of proper conditioning of the soil than to any other single factor. This is especially regrettable since it is a factor which may be easily controlled.

The soil of the garden should be kept loose while the plants are growing, especially in the early part of the season. Light, sandy soils need the least preparation, providing they contain enough humus to hold a sufficient amount of moisture. Humus may be supplied by planting a cover crop of rye in the fall to spade under in the spring, peat moss mixed into the soil, barnyard manures, and by vegetative refuse such as lawn grass clippings, leaves, etc.

Heavy clay soils may be made lighter by the generous use of furnace ashes or cinders mixed with the soil of the garden, or just in the hills. Lime also tends to loosen the soil but should not be used oftener than every four or five years and never in connection with barnyard manures. A cover crop of rye also aids in the loosening or lightening of the soil. Stirring the soil frequently to a depth of five or six inches helps to maintain the soil in proper condition. It must be remembered that the tender roots of the dahlia will not reach out as readily in search of food, in hard ground, as they will in looser soil. The dahlia is a very heavy "feeder" and needs a large, efficient, root system. Also, air and water penetrate more easily into loose soil to aid in the chemical transformation of soil elements into plant food.

Spade the garden two or three weeks before planting time. Leave the surface rough until actual setting of the roots or plants. Never try to "fit" the soil when it is so wet that it sticks to the tools. Planting should not be started until the soil has started to warm up in the spring, which in the latitude of northern Ohio is about May 15th to May 20th. Planting may be continued until June 15th or later.

We suggest planting in furrows or trenches about five inches deep, running the length of the row. Place the root flat in the bottom of the trench and cover with two or three inches of soil. Fill in the rest of the trench as the plant grows. Rows should be at least three, or preferably, four feet apart. Plants in the rows should be thirty-six inches apart when planting large sorts. (Small type dahlias sixteen to twenty-four inches apart.) Stakes to support the plant later, may be driven at planting time, five or six inches from the eye or sprout. In planting green plants, we suggest soaking the ball of soil on the roots in a bucket of water for several minutes before planting. This eliminates watering after planting, thereby preventing "puddling" of the soil surrounding the plants. Our plants require no shading as they are well hardened. Plants which have

been en route for five or six days may be acclimated to open air conditions by setting them in the shade for a day or two after they are received. We do not recommend washing the soil off the roots before planting as is sometimes done. We have found that shallow planting of plants is conducive to better clump formation. For this reason we recommend that the ball of soil surrounding the plant in the pot be covered with no more than an inch of soil when planted in the garden.

Many failures with "GREEN PLANTS" are due to improper cultural methods at the start of the growing season. Normal growth should be the aim. It is not uncommon for the gardener to employ all methods within his knowledge to get his plants off to a fast start. A fast growth is also a soft growth which is easily injured by the heat and dry weather of mid-summer. Such injuries result in a check to the plant and a resultant hardening of the plant tissues. When the tissues become hard, or woody, they lose their properties to expand, or grow. Thereafter, no greater amounts of plant food can pass up through the stalk than was the case when the hardening took place. Growth practically ceases. When this has occurred, first class results can be obtained only by cutting the plant back to the ground and starting all over. In many cases this will be too late to obtain blooms.

Hardening may also be caused by a number of other factors. In some cases the condition may have been inducted by planting too early, when the soil is too cold for normal growth. Some other factors which may cause this condition are: setting plants in the garden which have not been properly "hardened off" in cold frames, allowing the plants to dry out, excessive water, lack of cultivation, root injuries due to insects or fertilizers, as well as a number of others not so common. When growth has been normal the plant can cope with conditions which would cause a soft plant to suffer a check.

Cultivate once or twice each week to a depth of five or six inches in the early part of the season. Right next to the plant cultivation should not be as deep or some of the roots are likely to be cut off or injured. When the plants are in bloom and the spaces between the plants are pretty well filled with foliage no further cultivation will be necessary.

Water only in very dry weather. One thorough soaking is far better than several light sprinklings. Frequent watering brings the roots too near the surface where they are quickly injured by heat or drought. More water will be required after the plants start blooming than earlier in the season.

There are a number of elements in the soil which are needed for proper plant growth. Of these elements there are only three which are likely to be present in lesser amounts than needed by the plant. They are NITROGEN, PHOSPHORUS, and POTASH. In order to arrive at an intelligent fertilizer program we must understand the purpose of the above elements to the plant.

NITROGEN is needed for bush growth, dark green foliage, and large flowers. Plants growing in soil which is lacking in nitrogen show a yellowish cast to the leaves, low growth, failure to develop buds properly, and small flowers of poor color. Too much of this element produces a tall growth, soft plants, delays blooming, weakens stems, and reduces the keeping qualities of the roots in winter storage. It will injure leaves and roots if applied directly, or too close, to them. The common sources of nitrogen are cover crops, dried blood, fish scraps, barnyard manures and commercial fertilizers.

PHOSPHORUS is the most important from the dahlia grower's standpoint. It is essential in all plant functions. It hastens blooming, increases root development, stiffens the stems, increases the general vitality of the plant, and it overcomes the harmful effects of excessive nitrogen as well as certain other adverse soil conditions. Phosphorus is not harmful even when applied in excessive quantities. The common sources are: super-phosphate, double superphosphate, and bone meal. The latter also contains a small amount of nitrogen.

POTASH increases the general vigor of the plant, it is essential in the chemical changes occurring in the plant, and root formation is dependent upon its presence. The common sources are: muriate of potash, and sulphate of potash. Hardwood ashes are sometimes used as a source of potash but are not to be recommended owing to their variability in potassium (potash) content.

As a general thing, it is advisable to broadcast an 0-20-20 fertilizer over the garden about two weeks before planting. Five or six pounds per hundred square feet of space is a good application. It should be thoroughly mixed into the soil when digging as the phosphate element is not readily moved down into the soil by water action. In some instances, owing to unfavorable soil reactions, it may be advisable to concentrate this application in the hole as it is prepared for planting. In this case, mix a good handful of the fertilizer in the soil under and around the plant. Avoid having any of the fertilizer in direct contact with the roots. This latter method will often remedy the failure of plants to make good clumps of roots. 0-20-20 is a commercial fertilizer formula indicating; no nitrogen elements, 20 per cent phosphorus and 20 per cent potash.

In average garden soil it will not be advisable to apply a nitrogeneous fertilizer at planting time, but if experience has proven that satisfactory growth early in the season is not possible without it, a small amount of barn-yard manures (well rotted) may be mixed with the soil at planting time. Nitrogen fertilizers are more satisfactorily used later in the season, after buds are formed, to give extra size to the blooms. A small quantity scattered lightly around the plant, not nearer than a foot from the stalk, and watered into the soil will decidedly increase flower size. One or two more, very light, applications at intervals of a week or ten days may further increase size. Dried blood and sheep manures are commonly available sources of nitrogen at most supply dealers. It should be noted that with the application of a nitrogen fertilizer the keeping qualities of the roots is reduced. Each subsequent application further reduces this keeping property and excessive application will injure the plant, and in cases, destroy it. Also, such applications tend to reduce the vitality of the stock for the following year. It will be well for each grower to determine which is of greater importance to him; extreme size, or good keeping roots of high vitality. Many leading exhibitors sacrifice their stock for utmost size of bloom, and purchase, or grow, other stock for the following year. Others try to strike a happy medium and still others avoid nitrogen fertilizers for "forcing" and depend on heavy disbudding and pruning for comparable results.

Regardless of which of the above plans are followed, some disbudding must be employed to bring out all the size possible in a bloom. After the buds appear it will be noted that they usually come in clusters of three. The one in the center is generally the strongest. Remove the other two and the effort that the plant would expend in producing flowers from them goes to the terminal bud which is left. The next two or three sets of branches (at each leaf below the terminal bud) may also be removed, further increasing the size of the bloom to be produced. Be sure, however, that at least one set of branches is left to produce the next flowers.

Many varieties have a tendency to grow straight up with a single stalk. If a bushy plant is desired pinch out the top of the plant when it is about eighteen inches tall. Other varieties may produce too many branches in which case some may be cut out. Plants which have been pinched out may be dis-budded as per instructions above.

Successful control of insects is of prime importance in most localities, owing to the direct damage they do to the plants and the indirect damage caused by the insects carrying diseases from one plant to another. The first principles of effective control are proper insecticides and thorough applications at frequent intervals.

DDT has proven so highly successful as a control for many of the insects infesting dahlias that it is now the basis of nearly all our insect control recommendations. On those insects not controlled by DDT, we recommend a material that is compatible with DDT and can be used in the same spray or dust. Wherever DDT is recommended, either a 5% dust or a spray containing 1 pound of actual DDT per hundred gallons is meant unless otherwise specified.

In the pest control program at our Rocky River farm, we use a spray as it is somewhat more effective and the material remains effective for a somewhat longer period on the plants. Spraying at intervals of two weeks is sufficient for excellent results in controlling most pests. Dusts may need to be applied at weekly or ten day intervals. We suggest that applications be not made oftener than necessary for good control.

The efficiency of DDT is due to the fact that it is long lasting in its effectiveness against insects, and because it is not necessary that the insects be present at the time of application. Any of the insects controlled by it will be killed simply by walking across sprayed surfaces as much as two weeks after applied. Rain does not greatly reduce the effectiveness of the material on the plants. Application may be made at any time of the day. DDT is compatible with most insecticides, except those containing lime, and may be applied at the same time in one application.

If a dust is preferred, a 5% dust can be purchased ready to use, which will do the job as well as dusts of higher concentrations, and with less possibility of ill effects to plants. If a 5% dust can not be purchased in your locality, a dust of higher percentage of DDT may be reduced to 5% by adding the proper amount of talc or sulphur. Never use lime with DDT.

The spray which we use is made up to contain 1 pound of actual DDT crystals to 100 gallons of water. To make up the spray, a wettable powder should be used. Most of the powders on the market for this purpose also contain spreaders so that it is not necessary to add anything to the powder. We use Deenate 50W manufactured by DuPont, which contains 50% DDT, or (one-half) of each pound. This it will require two pounds of the 50% material to supply the 1 pound of actual DDT needed for 100 gallons of water. This is approximately 1 ounce per gallon.

DDT is not soluble in water but mixes readily to form a suspension (materials suspended in water). Since it is a suspension, it is necessary to keep the material well agitated after mixing until used. In this form (suspension), DDT is not injurious to the user and can easily be washed off the hands. However, it is well to avoid contact of the material with the skin as much as possible.

CAUTION: Be sure the material you purchase is made specifically for application to plants.

APHIDS cause a lessening of vitality by sucking plant juices. Easily detected as they usually are found in clusters on the stems and around buds. Soft bodied insects which remain quite stationary on the plant. They may be black, red or green. Control by dusting or spraying with contact insecticides such as nicotine sulfate (Black Leaf 40), pyrethrum extracts or rotenone according to manufacturer's directions. DDT is partly effective on aphids but can not be relied upon to control them completely at all times. However, the suggested materials for aphid control can be combined with DDT.

CORN BORES drill holes into the stalk, usually at a leaf or branch. They live and grow inside the stalk, eventually enlarging their bores until a portion of the plant is so weakened that it breaks down. The adult moth of the corn borer lays it's eggs on a leaf. As the eggs hatch the larva starts moving toward the stalk eating tiny trails in the leaf surface. It is at this time, only, that control measures are effective. DDT is a very effective control. The material must be present on the plant surfaces as the eggs hatch and the larva start for the stalk. For best results it may be advisable to apply the DDT at shorter intervals during the short hatching period. Your County Agricultural Agent may be able to tell you when that period will be.

CUCUMBER BEETLES are sometimes quite serious pests of dahlias. They eat holes in the petals of the flowers, disfiguring the blooms. There are two common types of the cucumber beetle. One is the Twelve Spotted Beetle, characterized by twelve black spots on the greenish wings. The other is the Striped Beetle, which has alternate black and yellow stripes on the wings. Chlordane, used as a 5% dust or as a spray according to manufacturer's instructions, has been found highly successful in their control. Cryolite is also an effective control.

CUT WORMS hide under clods or in the soil during the day and emerge at night to cut off young plants, usually at soil level. If these pests are not too numerous they may be controlled by carefully searching the top inch or two of soil within a few inches of the plant and destroying the grub which is often two inches long and fleshy. Heavy infestations may be controlled by scattering poison bran mash lightly over the garden area. DDT is effective for climbing cutworms and others when they must cross sprayed or dusted surfaces.

GRASSHOPPERS need no description. Chlordane is very effective against grasshoppers used as for Cucumber Beetles. Damage to dahlias can largely be prevented by spraying, or dusting, a wide area around the dahlia plot, thereby killing them before they get to the dahlias. No damage has been noted to dahlia foliage when this material has been applied to the plants, and when it is not practical to treat adjoining areas, the spraying of the plants will satisfactorily eliminate the grasshoppers.

JAPANESE BEETLES which are very destructive to blooms, and their presence readily detected, can be controlled by DDT sprays. Treating the soil, in which the adult beetles lay their eggs, with DDT will destroy the grubs before they emerge from the ground in the spring. Five pounds of a 10% DDT per 1000 square feet is the usual recommendation. Lawns thus treated are not harmed.

LEAF EATING INSECTS AND CATERPILLARS, whose presence is evident by their eating of foliage, readily controlled by spraying or dusting with stomach poisons such as arsenicals. DDT also seems to control, either as a spray or dust.

LEAF HOPPERS are small greenish-yellow, flying insects which are very active in warm weather. Disturbing the plant will cause them to fly rapidly away and they can best be detected in this way. They are usually found on the under sides of the leaves sucking the plant juices, causing the edges of the leaves to turn yellow, eventually browning and destroying entire leaves at the bottom of the plants. Previous controls have not been very effective unless applied every two or three days. DDT will control them almost 100%.

RED SPIDER MITE, or simply red spider, are very small black and white to brownish, minute insects, nearly always found on under sides of the leaves. A magnifying glass is necessary to see these tiny insects but their damage is apparent by browning of the lower, and to lesser degree, the upper surfaces of foliage. Under sides of the leaves usually appear to have "rusty" areas and a sort of silky appearance. In the past they have not been serious pests of the dahlia except in isolated cases. However, if DDT is used as a control for other insects, it is likely that red spider mite will be very prevalent and cause much damage if not promptly controlled. To make matters worse, DDT kills the predators or parasites which normally feed on the mites.

Parathion has proven very effective in the control of red spider mite when used at the rate of one half pound of 15% wettable powder to 100 gallons of water. If a dust is preferred, a 1% dust will give excellent results. This can be made by adding fourteen pounds of dusting talc to one pound of the 15% powder. Aside from the Precautions to prevent contamination of the skin and clothing of the operator, it is close to ideal. No foliage burn or injury to blooms has been observed. Parathion may be used in DDT sprays or dusts, but should not be used oftener than necessary to keep red spider under control.

MALATHION (Malathon), used according to manufacturer's directions, has been found to be fully as effective in the control of red spider as Parathion in tests by Dr. R. B. Neiswander of the Ohio Experiment Station. Dr. Neiswander has been conducting tests with a number of miticides, on dahlias, for the past several years. Malathion is far less dangerous than Parathion to use, altho closely related, and can be used by the home gardener with comparative safety. We suggest those who have hesitated to use Parathion, because of it's toxic properties to humans, try Malathion.

TARNISHED PLANT BUGS are small plant bugs about a quarter of an inch long, brown mottled with shades of red and yellow. They are seldom seen on the plants as they fly away at the slightest disturbance. The bugs puncture the stalk, stems and buds, causing small black spots. Growth of stung part is severely checked, causing a shortening between nodes of the plant, shortening of stems, and causing buds to open one-sided or to fail to open at all. Badly infested plants are short, very bushy and never produce presentable blooms. DDT has proven highly effective in the control of this troublesome pest which has been very difficult to control before.

THRIPS are very small, light greenish-yellow to dark brown insects which may be found by close examination of unfolded leaf tips and among petals of the flowers. A magnifying glass will aid in finding them as they are almost invisible to the naked eye. They cause malformed, dark spotted and blistered appearance of the leaves

and often result in stunting of the plants. They are easily controlled with DDT. The Tarter Emetic and brown sugar spray, previously recommended, is still considered an adequate spray material.

Considerable success in keeping down the ravages of pests has been obtained by some growers by frequent, over-head watering, during the hottest part of the day. The water is turned on for a couple of hours every two or three days. This method is more practical on light, well drained soils than on the heavier soils which may become saturated to the detriment of the plant.

DISEASES rob the plants of vitality, and in the case of some diseases, eventually destroy the plants. Control methods require destruction of all infected plants as the symptoms become apparent. Control of insects prevent spread.

MILDEW, common in the fall, is well-known. Control by dusting the under side of lower leaves with dusting sulphur, about Sept. 1st. One application will suffice for the season.

After the frost has destroyed the plants in the fall cut the stalk off at the ground. An ordinary saw is fine for this. If possible leave the clump in the ground for a week or ten days before digging. A long tined fork is best for digging the clumps. Be careful not to break or even strain the necks of the tubers. One person, with a fork, on each side of the clump to be dug can lift the clump out with less damage. Do not leave the clumps exposed to the sun or wind for more than a few minutes. If the clumps are too moist to store at once dry them off a bit in the shade or basement. Cut the stalk off to within a couple of inches of the crown. This largely helps to prevent stem rot later.

Winter storage of clumps offers a problem for which it is difficult to make specific recommendations. No method is universally satisfactory. It is often necessary to try several methods before hitting upon one which fits your particular conditions. For that reason we will outline a few of the ones which have proven to be among the most successful.

(1) Most primitive, but very good, is the digging of the clump with as much soil adhering as possible. The clump in the soil is stored in a cool part of the basement or fruit cellar, usually with some additional cover. If roots start to shrivel, a little water may be added to the soil.

(2) Clumps are placed right side up in a single layer on the floor, or specially made frames, and soil filled in around them leaving the crown and stalk exposed. Enough water is added from time to time to keep the soil moist enough for growth.

(3) Clumps may be cleaned by washing and packed in boxes or barrels with some packing medium to fill in the spaces between the roots. Such materials as sand, ashes, peat moss, shavings, sawdust, leaves and like materials have been used for this purpose for many years. However, since the recent development of expanded mica, sold under such trade names as Terralite, Agrilite, Vermiculite etc., it has been found that this material is far superior to any of the others. It is sterile and its properties for absorbing and holding excess moisture tends to maintain a nearly ideal condition around the roots. We are recommending this as a starting method for beginners.

(4) If large quantities of clumps are being stored, they may be packed tightly together in barrels or boxes without being washed and the container tightly covered with several layers of newspapers. No packing medium is used in this case, the close packing of the clumps tending to prevent excessive evaporation.

There are two schools of thought in regard to proper preparation of the clumps prior to packing away. One favors a thorough drying of the clumps before they are put away. The other prefers packing the clumps immediately after digging unless they are extremely wet. We believe in the latter method, which has been successful for us, because it more nearly simulates conditions of the wild state of the dahlia plant, where it remains in the ground all year around. Method No. 2 above probably comes closest to the native state of wintering, and were it not for the space needed for it, and "housing" of so much soil, it would be nearest ideal.

Regardless of method used for storing, it is very important that an examination of the clumps be made about once a month during the storage period. If it is found that rot or mold has set in, greater air circulation should be provided. If roots are shrivelling it may be necessary to add a little moisture and give the containers more covering.

Ideal storage temperatures are from forty to forty five degrees, altho no noticeable harm occurs at temperatures down to just above freezing and up to sixty five or seventy degrees. Proper humidity of the air in the storage room is an aid to good results; it being advisable in some cases to place a pail or tub of water in the storage room. In other cases it will be advisable to provide for additional circulation or drying of the air. Experience and observation will eventually determine a successful method for your conditions.

The clumps may be divided at any time but it is best to wait until the eyes or sprouts show distinctly. Never plant the entire clump. For best results divide it so that there is but one sprout to each division. Usually good clumps will average four or more divisions.

We will be glad to answer any further questions regarding these or any other phases of dahlia culture. OUR SERVICE DOES NOT END WITH THE SALE.

How To Handle Cut Flowers So They Will Keep

The life of dahlia blooms after they are cut may be very much prolonged by a few simple precautions taken at the time of cutting.

First of all, cut only FULLY MATURED blooms. Flowers with a withered petal or two on the back will keep longer, under similar conditions, than young blooms. If desired, the withered petals may be picked, or cut off. Cut a longer stem than will be necessary in the vase or container, for which the flowers are wanted.

Cut the flowers early in the morning before they start to wilt, or in the evening after they have revived from the effects of the sun and winds of the day. Make the cut with a sharp knife so that the microscopic tubes in the stem, which supply water to the flower head, are not crushed.

Flowers should be cut at least eight hours before it is planned to use them. As soon after cutting as possible, the stems should be placed in cool water in a cool, draughtless part of the basement. When putting the flowers in water in the basement, it is to considerable advantage, to trim off an inch or two of the stem under water. This cuts off the portion of the stem into which air may have entered the microspic tubes and chocked off the supply of water passing up to the flower head. When the supply of water fails, of course the flowers wilt.

After the period of "hardening" or "finishing" in the basement, the flowers may be used for their intended purpose. In placing them in their permanent containers it is well to again trim off a small portion of the stem under water. In fact, this should be done each time the stem is out of water for more than a moment. Use only CLEAN water and CLEAN containers; factors which are important but often overlooked. Thereafter change the water once a day and trim off the stems. Set the containers out of direct sunlight and draughts. Follow the foregoing suggestions and you will find the dahlia a long-lasting flower.

Join Your Dahlia Society

Dahlia societies are the backbone of dahlia interest and merit your active and financial support. Nearly every state, and many localities in these states, have societies working in the furtherance of general dahlia culture and the dissemination of information regarding all phases of this culture. We will be glad to furnish such information as we may have in regard to the ones nearest you.

Secretaries of dahlia societies are requested to send us their names and addresses, and any material they may have relating to their societies, so that we can refer inquiries from their localities to them.

The American Dahlia Society and The Central States Dahlia Society publish interesting and informative bulletins for their members. Write us for membership applications.

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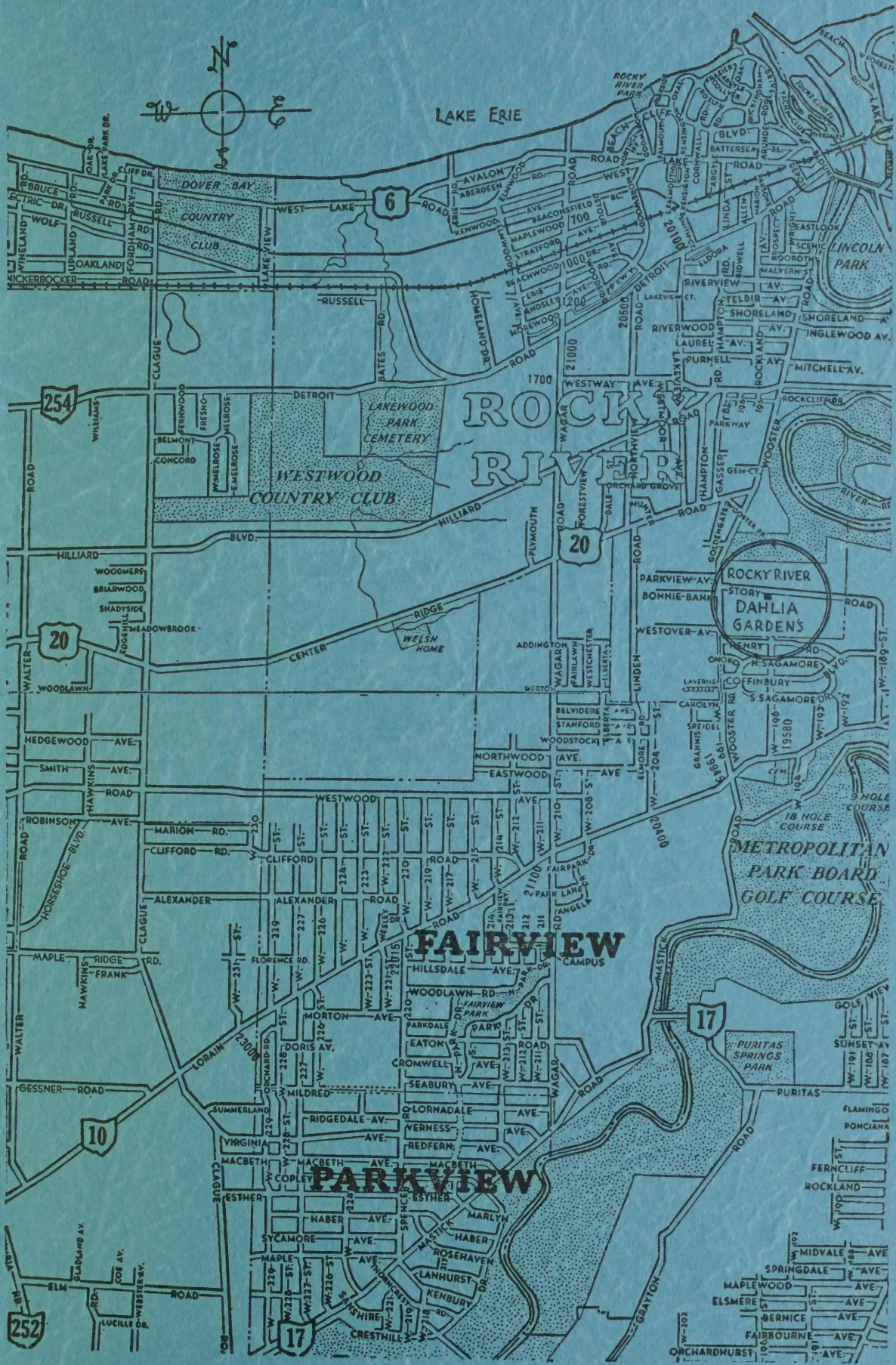
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